e Himma Jonnal

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 2416.—Vol. LI.

LONDON, SATURDAY, DECEMBER 10, 1881.

. The MINING JOURNAL is Registered at the General Post Office as a Newspaper and for Transmission Abroad.

SUPPLEMENT. | PRICE SIXPENC | PER ANNUM, BY POST £1 48

MR. JAMES H. CROFTS, STOCK AND SHARE BROKER, No. 1, FINCH LANE, CORNHILL, LONDON, E.C. ESTABLISHED 1842.

BUSINESS transacted in all descriptions of MINING Stocks and Shares (British and Foreign), Consols, Banks, Bonds (Foreign and Colonial), Railways, Insurance, Assurance, Telegraph, Tramway, Shipping, Canal, Gas, Water, and Dock Shares, and all Miscellaneous Shares. Businkss negociated in Stocks and Shares not having a general market

value.

Every Friday a general and reliable List issued (a copy of which will be forwarded on application), containing closing prices of the week.

MINES INSPECTED.

BANKERS: CITY BANK, LONDON-SOUTH CORNWALL BANK, ST. AUSTELL.

BANKERS: CITY BANK, LONDON—SOUTH CORNWALL BANK, ST. AUSTELL.

Special Draining or part:—

40 Hingston Down, 18 9

50 Armada, 6s. 3d.

40 Hingston Down, 18 9

40 Callao Bis, 16s.

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c.p.

40 Lidian Kingston, 13 9

40 Horodsfoot, 8s., c

. BUYER of United Van Consols and Glyn Shares (Ordinary and Preference
. SHARES SOLD FOR FORWALD DELIVERY (ONE, TWO, OR THREE
MONTHS) ON DEPOSIT OF TWENTY PER CENT.

* * SPECIAL BUSINESS at CLOSE PRICES in all Market TIN, COPPER, and LEAD SHARES.

JAMES H. CROFTS, 1, FINCH LANE, LONDON. ESTABLISHED 1842.

INDIAN GOLD MINES .- SPECIAL BUSINESS in :-NDIAN GOLD MINES.—SPECIAL BUSINESS in :—

Locatacovil. Indian Kingaton. Bendar Rede Reef.

Devala Moyar. Indian Trevelyan, Mysore. Reefs.

Great Southern Mysore Indian Gold.

Mysore Reefs. Gouth-East Wynaad. South Indian Gold.

Mysore Reefs. Tambracherry. Wynaad Perseverance. Ooregum.

At CLOSE MARKET PRICES, free of commission.

** Beliable information given on any of the above. A daily price list issued giving closing quotations. SPECIAL BUSINESS in Frontino and Bolivia Potosi, Roby, Nouveau Monde, and Richmond.

** SHARES IN THE ABOVE INDIAN OR OTHER GOLD AND SILVER MINES SOLD FOR FORWARD DELIVERY ONE, TWO, OR THREE MONTHS ON DEPOSIT OF TWENTY PER CENT.

JAMES H. CROFTS, 1, FINOH LANE, LONDON.

RAILWAYS — FOREIGN BONDS — SPECIAL BUSINESS.
Fortnighty Accounts opened on receipt of the usual cover.
JAMES H. CROFTS, 1, FINCH LANE, LONDON.

A MERICAN AND CANADIAN STOCKS AND SHARES-SPECIAL BUSINESS.
Fortnightly Accounts opened on receipt of the usual cover.
JAMES H. CROFTS, 1, FINCH LANE, LONDON.

MR. W. H. BUMPUS, STOCK AND SHARE BROKER, AND MINING SHARE DEALER
44, THREADNEEDLE STREET, LONDON, E.C.

ESTABLISHED 1867.

BUSINESS transacted in STOCK EXCHANGE SECURITIES and MISCELLANEOUS SHARES of every description.
RAILWAYS, BANKS, FOREIGN and COLONIAL BONDS.
TRAMWAYS, TELEGRAPHS, and all the LEADING INVESTMENTS.
Accounts opened for the Fortnightly Settlement
A List of Investments free on application.

Mr. BUMPUS has SPECIAL BUSINESS in the undermentioned:—

50 Almada, 6s.
50 Akankoo, 17s.
50 Akankoo, 17s.
50 Armada, 224.
50 Bratsberg, 214.
50 Bratsberg, 214.
50 Bratsberg, 214.
50 Bratsberg, 214.
50 Gold Coast, 30s. 6d.
30 Hingston Down, 27s.
50 Algoration, 17s. 6d.
50 Carn Brea.
50 Don Pedro, 11s. 3d.
50 Dovala-Moyer, 26s. 3d.
50 Devala-Moyer, 26s. 3d.
50 Pure selevela,
50 West Poloreen.
50 West Phorix.
50 West Poloreen.
50 West Po MR. RUMPUS has SPECIAL BUSINESS in the undermentioned :-

IMPORTANT TO INVESTORS.—Shares in SOUND DIVIDEND and PROGRESSIVE MINES (particularly TIN and COPPER) should be bought at present prices, as many of them are likely to have a considerable rise before long. Those who have followed my advice during the past few months can now realise good profits, and there is every probability that much higher prices will be reached early in the coming year.

The following are particularly recommended:—
WHEAL GRENVILLE.

GRENVILLE. DLPHIN. WEST KITTY. WEST PEEVOR. WHEAL BOYS. DEVON FRIENDSHIP.

WILLIAM HENRY BUMPUS, SWORN BROKER, OFFICES: 44, THREADNEEDLE STREET, LONDON, E.C. ESTABLISHED 1867.

MR. GEORGE BUDGE, STOCK AND SHARE DEALER
9, GRACECHURCH STREET, LONDON, E.O. (Established 28 years).
ALL BUSINESS TRANSACTED FREE OF ANY CHARGE FOR
COMMISSION.

Rotice to Investors and Speculators. Mr. BUDGE has DEALINGS in—
50 Almada.
30 Goodevere.
50 Bedford United.
15 Goginan.
150 Callen Bis.
25 Hingston Down.
35 South Deven.
35 South Deven. nas DEALINGS in—
65 Parys Copper.
150 Pestarena.
55 South Indian.
30 South Devon.
50 South Darren.
100 Tolima.
5 West Kitty.
30 West Phenix.
5 West Codophin.
75 West Crebor.
20 West Phenix.
100 West Phenix.
100 West Jerbor.
100 West Jerbor.
100 West Jerbor.
100 West Jerbor.
100 Wheal Jewell.
100 Wheal Juny. 100 Chontales. 100 Hoover Hill. 100 Javaii. 100 Don Ped: 0. 100 Kapanga. 100 Kapanga. 100 East Caradon. 100 Kapanga. 100 East Blue Hill. 100 Kapanga. 100 East Blue Hill. 100 Kapanga. 100 East Caradon. 100 Frongoch. 100 East Caradon. 100 Frongoch. 100 Fr

BRITISH AND FOREIGN MINING OFFICES.

MESSES. PETER WATSON AND CO., 18, AUSTIN FRIARS, OLD BROAD STREET, LONDON, E.C. BANKERS: THE ALLIANCE BANK (Limited).

M ESSRS. PETER WATSON AND CO.'S BRITISH AND FOREIGN MONTHLY MINING NEWS -STOCK AND SHARE INVESTMENT NOTES - MINES, MINERALS, AND METAL MARKETS - SHARE LIST, No. 836, Vol. XVI., for NOVEMBER month, is now ready, and will be sent to customers on application.

Annual Subscription...... 5s. | Single Copy.....

MESSES. PETER WATSON AND CO., 18, AUSTIN FRIARS, E.C.

M R. A L F R E D E D DEALER in BRITISH and FOREIGN STOCKS and SHARES OF EVERY DESCRIPTION. ALFRED E. COOKE,

76, OLD BROAD STREET, LONDON. ESTABLISHED 1853.

ESTABLISHED 1853.

THE INVESTORS' GAZETTE.

NEW NUMBER issued last evening. Should be read by all INVESTORS.

Will be forwarded on application.

MR. ALFRED E. COOKE can sell the following shares—
15 Arendal. 100 Herodsfoot. 70 Potosi.
40 Bratsberg. 50 Indian Glenrock. 85 Prince of Wales.
20 Bwich United. 50 Killifreth. 20 Ruby.
100 Callao Bis. 40 Langford. 10 Roman Gravels.
80 Devon Frieniship. 20 Leadhills. 80 Sortridge.
100 Callao Bis. 40 Langford. 10 Roman Gravels.
100 East Blue Hills. 25 Mona Consols. 25 Van and Glyn.
25 East Ohlverton. 10 Mona. 25 West Caradon.
30 Frontino. 100 Nouveau Monde. 25 West Caradon.
25 Gt. Southern Mysore. 90 New West Caradon. 10 West Kitty.
29 Hingston Down. 50 Polrose. 5 West Peevor.
25 Potro Down. 50 Polrose. 5 West Peevor.
St. Potr Phillip.
Offers may be made or lowest market price FREE of COMMISSION will be taken for ALL or ANY PORTION of the above shares.
Settlement either for CASH, FORTNIGHTLY ACCOUNT, MID. JANUARY ACCOUNT, or for FORWARD DELIVERY in TWO or THREE MONTHS on payment of 20 per cent. deposit.

TELEGRAMS and LETTERS receive immediate attention. All shares currently dealt in, bought and sold, free of commission.

ALFRED E. COOKE, 76, OLD BROAD STREET, LONDON.

ALFRED E. COOKE, 76, OLD BROAD STREET, LONDON. (15 years at the above offices, adjoining the Stock Exchange, with which they are in DIRECT TELEGRAPHIC COMMUNICATION.)

STOCKS AND SHARES, FOREIGN BONDS, TELEGRAPHS, TRAMWAYS, RAILWAYS, AND OTHER LEADING SECURITIES.

P. JAMES STOCKER, STOCKBROKER, 2, CROWN COURT, THREADNEEDLE STREET, LONDON, E.C. Special Business at close prices in all British, Colonial, and Foreign Mine Shares.

BANKERS: LONDON AND WESTMINSTER.

MR. EDWARD ASHMEAD, 2, DRAPER'S GARDENS, E.C., MINING SECRETARY, AUDITOR, AND ACCOUNTANT.

MR. WILLIAM GABBOTT, STOCK AND SHARE DEALER, 262, GRESHAM HOUSE, LONDON, E.O. ESTABLISHED 1877.

THE COMING GOLD FIELDS—THE GOLD COAST COLONY.

F. WILLIAM GABBOTT has business in the following:—

EFFUENTA—GOLD COAST. | AKANKOO—GUINEA COAST GOLD

B O T T A N D
STOCK AND SHARE BROKERS,
9, CORNHILL, LONDON, E.C. в в

JOHN B. REYNOLDS, STOCK AND SHARE DEALER, 37, WALBROOK, LONDON, E.C. ESTABLISHED 25 YEARS. BANKERS: LONDON JOINT-STOCK.

Mr. REYNOLDS recommends the purchase of shares in the following Mines WEST KITTY, WEST POLBREEN, NEW KITTY.

And other Mines in the St. Agnes district are worth notice.

Mr. Reynolds has gained his information upon which great reliance can be placed at considerable expense. Correspondents who are strangers to him therefore, wishing for his guidance in Mining matters must accompany their applications with a fee of 21s.

applications with a fee of 21s.

Mr. Reynolds does business in all descriptions of mining and other stocks and shares at net prices, and in the event of business resulting from his information he allows the 21s. fee on purchase-money or otherwise,

Mr. Reynolds also refers his readers to his article on page 1528.

MR. E. J. BARTLETT, 30, GREAT ST. HELENS, LONDON, E.C., has special dealings in Stock Exchange Securities and Miscellaneous Shares of every description.

. Circulation ever increasing. Sixteenth Edition just out.
"HOW TO INVEST."
"More valuable than ever."—Vide public Press. Post free 1s.
Published by E. J. Bartlett, F.R.G.S., 30, Great St. Helens, London, E.C.

MESSRS. F. E. WATSON AND CO.,
STOCK AND SHARE DEALERS,
4, COPTHALL BUILDINGS,
THROGMORTON STREET LONDON, E.C.

LONDON, E.C. F. E. W. and Co. strongly recommend an investment in the following com-panies at present prices:—

Lady Bertha Unl., 16s. East Chillaton Man
British & Foreign Boat

anies at present prices:—
Lady Bertha Uni., 16s.
Edgecumbe Mangan.,5s
East Chillaton
ganese, 45s.

THE "DIFFERENTIAL" PUMPING ENGINE (DAVEY'S PATENT),

DRAINING MINES, WATER SUPPLY OF TOWNS, IRRIGATION, SUPPLYING DOCKS, PUMPING SEWAGE, and GENERAL PUMPING PURPOSES.

HATHORN, DAVEY, AND CO., LEEDS.

HATHORN, DAVEY, and Co. have Patterns of "Differential" Engines of all es, from 5 to 500-horse power, and have facilities for supplying very powerful Engines and Pumps at a short notice.

See Illustrated Advertisement every alternate week.

C H A R L E S T H O M A S, MINING AGENT, STOCK AND SHARE DEALER, 3, GREAT ST. HELEN'S, LONDON, E.C. $\mathbf{M}^{ ext{ R}}$.

M R. A L F R E D T H O M A S, MINING AGENT, AND STOCK AND SHARE DEALER, 10, COLEMAN STREET, LONDON, E.C.

MINING INVESTMENTS.—Third Edition, just published.
"What to Select, and What to Avoid," by ALFRED THOMAS, 10, Coleman-rect, London, E.C. Will be forwarded on receipt of 12 stamps.

ESTABLISHED 1852.

HENRY GOULD SHARP, STOCK AND SHARE BROKER, 21, THREADNEEDLE STREET, LONDON, E.C. Bankers-London and County Bank, Lombard-street, London, E.C.

FERDINAND R. KIRK, STOCKBROKER, 5, BIRCHIN-LANE, LONDON, E.O.
Fortnightly Accounts opened in all Stock Exchange Securities on receipt of the usual cover.
BANKERS: LONDON AND WESTMINSTER, Lothbury.

THOMAS B. LAWS, STOCK AND SHARE DEALER, AND MINE ACCOUNTANT, 2, CHURCH COURT, CLEMENTS LANE, LONDON.

MESSRS. AKIN, SCOON, AND CO., STOOK AND SHARE BROKERS, 3, COPTHALL BUILDINGS, E.C.

MESSRS. ENDEAN AND CO., STOCK AND SHARE DEALERS, 85, GRACECHURCH STREET, LONDON, E.C. ESTABLISHED 1861.
Bankers: London and Westminster, Lothbury, E.C.

ESSRS. ABBOTT AND WICKETT, STOCK AND SHARE BROKERS, REDRUTH, ORDERS BY TELEGRAM PROMPTLY EXECUTED.

MR. JOHN RISLEY, STOCK AND SHARE BROKER, 38, CORNHILL, LONDON, E.C. ESTABLISHED TWENTY YEARS, BANKERS: LONDON AND WESTMINSTER (Lothbury),

Shares specially recommended for immediate investment, viz—West Caradon, New West Caradon, Polrose, Parys, Sortridge, Wheat Crebor, West Crebor, East Blue Hills, and Langford. These shares are likely to advance in price many-hundreds per cent. within a very short period.

GRANVILLE SHARP, STOCK AND SHARE DEALER, 32, QUEEN VICTORIA STREET, LONDON, E.C., Bill recommends the purchase of shares in SOUND BRITISH MINES for advance in price and increased dividends. In consequence of the generally improving condition of Trade and Commerce, the market for all metals must necessarily continue to improve, and the shares in all Sound British Mines are certain to advance proportionately.

EAST CHIVERTON SILVER-LEAD MINES.

EAST CHIVERTON SILVER-LEAD MINES.

GRANVILLE SHARP specially recommends the purchase of shares, she mine being on the eve of proving a very valuable property, as evidenced by the recent important discovery in the 95 fm. level driving west, where is a course of rich silver-lead ore already proved for over 30 fms, and has opened up valuable reserves which are being increased daily between that (99 fm,) level and the level over. A second 50-ton parcel of the ore was sold recently realising £631.58. It is an important fact that EAST CHIVERTON MINE is on the same lode which in the mine immediately west produced between the years 1853 and 1872 silver-lead ore that realised very nearly HALF A MILLION STEELING, and between 1878 and 1850 LEAD and BLENDE ORES amounting to, £310,000. These facts can be verified by the books in Mr. Granville Sharp's possession, at 32, Queen Victoria-street, E.C.

Bankers: London and Westmister, E.O.

MR. A L E X A N D E R D A V I D S O N STOCK AND SHARE DEALER, 2139, LEADENHALL STREET, LONDON, E.C., 140 E. Wh. Rose, £1 pd, 100 Frongooh (offer). 1 Roman Gravels, £111/2, 100 E. W. Rose, £1 pd, 100 Frongooh (offer). 1 Roman Gravels, £111/2, 100 E. W. Rose, £1 pd, 100 Frongooh (offer). 1 Roman Gravels, £111/2, 100 E. W. Rose, £1 pd, 100 Frongooh (offer). 1 Roman Gravels, £111/2, 100 La Plata, £2 2s. 6d. (£1 5s. paid), £1 100 La Plata, £2 2s. 6d. 120 Devon Friendship, 17s 10 Devon Great Consols. (£1 2s. 6d. 100 Sortridge Con. (£1, 2s. 6d

FOR SPECIAL SALE AT NET PRICES :—
100 BODIDRIS (21 paid), 6s. 6d.
95 GREAT POLGOOTH UNITED, 10s. fully paid up,
70 TAMAR SILVER-LEAD, 18s. 9d. fully paid up.

| 70 TAMAR SILVER-LEAD, 18s, 3d, fully paid up.
| FOR SPECIAL SALE. OFFERS CAN RE MADE. |
200 J. B. Lambe and Co.	400 Great Southern	My-	100 Keillifreth.
100 Gold Mining Association of Canada.	20 North London Suburtion of Canada.		
25 Indian Queens.	125 Parka Mines.	300 Central Wynaa	
150 Lady Ashburton.	100 East Blue Hills.	110 Tresavean.	
240 Mounts Bay.	80 Prince of Wales.	70 West Caradon.	
240 Gold Mining Tresavean.	240 Gold Mining Tresavean.		
250 Caradon.	260 Caradon.		
260 Caradon.	2		

M. R. JOHN L. M. FRASER, (18 Years' Experience at the Great Minera and other Mines.)
CONSULTING MINING ENGINEER, &c. GREENFIELDS, WEXHAM.

Mines Managed and Secretaried, with Office and Clerks, from £150 per annua Reports, Surveys, &c., from £2 2s., and Expenses. New and Second-hand Machinery Bought, Sold, or Exchanged. Collieries, Mines, &c., supplied with all kinds of Plant, Machinery, Stores, and Materials, at low prices.

A Select List of Mines that will advance from 300 to 500 per cent.
on present prices.

6039 Shares, the balance of the Share Capital, are now offered for Subscription at Par. Applications must be sent in not later than the 15th instant.

The Prince of Wales Slate Company, Limited.

DEBENTURE CAPITAL (bearing interest at the rate of 5 per cent. per annum) £15,500.

SHARE CAPITAL £50,000, IN 10,000 SHARES OF £5 EACH.

£1 per Share payable on application, and £3 per Share on allotment. Balance, if required by calls not exceeding 10s. per Share, at an interval of not less than three months.

OFFICES-ST. CLEMENT'S HOUSE, CLEMENT'S LANE, LONDON, AND PORTMADOC, NORTH WALES.

The Company has acquired the Prince of Wales and Gorsedda Slate Quarries in the County of Carnarvon. Work is in active progress at the Prince of Wales Quarry, and there is every promise of very favourable results. Prospectuses and Forms of Applications for the Shares, which must be sent in not later than the 15th inst., may be obtained at the London Offices of the Company.

And this week's prices both for tin and copper are practically at their maximum. The security as we said last week, is very fortunate in being able to a certain extent to open up new the security of the security as we said last week, is very fortunate, in its execution. It is fortunate also in being able to a certain extent to open up new certain cate and the security of the security of the security as we said last were restricted to an errorwer limits. It is very fortunate, too, in the fact that year by year the presidential scholar is filled by thoroughly practical men, who are able to give a chair is filled by thoroughly practical intended in the security of the security of

brass, which I commend to the consideration of scientific men, while to Scripture readers I suggest the idea that possibly the ancient to Scripture readers I suggest the idea that possibly the ancient to words, "out of whose hills thou mayest dig brass," may have had at least a secondary reference to the hills of Cardigan. An important discovery of ore is reported from the Van Consols and Glyn Mine, which has caused a flutter of excitement in the towns of Newtown banks and Llanidloes. I sincerely hope the discovery is one of permanent value. The week has been an unfortunate one for accidents, which have been happening abundantly all around, and in one or two cases, I am sorry to say, with fatal results. A rumour is afloat that owing I am sorry to say, with fatal results. A rumour is afloat that owing to concessions in freight from the Great Western Railway several important railway schemes in connection with Wrexham and the rivers, and with marked success; and an attempt is now to be made River Dee have fallen through. There are several reasons besides that to light the public streets and public buildings in Newcastle with it. Tokenfreight why we should wish this rumour not to be true. The col-

REPORT FROM NORTH WALES, SALOP, AND CARDIGAN.

Dec. 8.—When some time ago we were inundated with circulars urging us to become the happy purchasers of an interest in the Great Discovery at the Cambrian Mines by the modest payment of 14s, or so to the fortunate owners for every 20s. we subscribed, the circulars were strongly charged with "brass." Indeed the mine itself seems to have chiefly yielded brass. It is a felicitous illustration of metals—first lead, secondly copper, thirdly the transmutation of metals—first lead, secondly copper, thirdly the Sariety providers I would be seems to the consideration of scientific men, while the shafts have been lined by strong cast-iron tubbing, and all the shafts have been lined by strong ast-iron tubbing, and all the shafts have been lined by strong cast-iron tubbing, and all the shafts have been lined by strong cast-iron tubbing, and all the shafts have been lined by strong cast-iron tubbing, and all the shafts have been lined by strong cast-iron tubbing, and all the shafts have been lined by strong cast-iron tubbing, and all the shafts have been lined by strong cast-iron tubbing, and all the shafts have been lined by strong cast-iron tubbing, and all the shafts have been lined by strong cast-iron tubbing, and all the shafts have been lined by strong cast-iron tubbing, and all the shafts have been lined by strong cast-iron tubbing, and all the shafts have been into tubbing, and all the shafts have been lined by strong cast-iron tubbing, and all the shafts have been into tubbing, and all the shafts have been into tubbing, and all the shafts have been into tubbing, and all the shafts have been lined by strong cast-iron tubbing, and all the shafts have been into tubbing, and all the shafts have been into tubbing, and all the shafts have been into tubbing, and all the shafts have been lined by strong cast-iron tubbing, and all the shafts have been into tubbing, and all the shafts have been into tubbing, and all the samily by a branch across the River Tawe. The Yeal Yeal Yea

REPORT FROM CORNWALL

Dec. 8.—We are now so near the Christmas holidays, when business is liable to so many kinds of disturbing influences, that we are not at all likely to see any material change in mining prospects until the New Year. A week ago official improvement was doubtful, but possible; now quiescence may be predicted with almost equal certainty. There is, however, nothing in the shape of reaction, nor is there likely be. On the contrary, week by week the conditions of a well defined and steady improvement are becoming more certain and settled, and this week's prices both for tin and copper are practically at their maximum.

The Annual Exhibition of the Mining Institute is being held this week at all last week, is very fortunate in its executive. The society, as we said last week, is very fortunate in its executive. The society, as we said last week, is very fortunate in its executive, and thus to keep alive an interest more ground from year to year, and thus to keep alive an interest more readily than if its operations were restricted to narrower limits. It is fortunate, too, in the fact that year by year the presidential chair is filled by thoroughly practical men, who are able to give its action a constant tendency in a useful direction, and by their varying ideas and experiences to promote the interchange of new principles and experiences to promote the interchange of new principles and experiences to promote the interchange of new principles and experiences to promote the interchange of new principles and experiences to promote the interchange of new principles and experiences to promote the interchange of new principles and experiences to promote the interchange of new principles and methods of operation. Conservatism in practice, and in the present output of slip and boiler plates in a few the tenses of such as a large plate in work the necessary machinery for the electric light also.

The pig-iron trade has shown a much better feeling this work, the chair skipping trade of Portunate do Portunat

being idle a few years. At the present time the output of plates in the North of England is not less than 1500 tons daily, the highest output that has been attained. This is chiefly contributed to by the Consett, Stockton, Newport, Hartlepool, Sunderland and Bishop Auckland and Darlington mills, and though the bulk of the production is used at the shipyards on the north-east coast, from Blyth to Whitby, there is a lawregraphity cent to other scatters of consequents. There

used at the shipyards on the north-east coast, from Blyth to Whitby, there is a large quantity sent to other centres of consumption. There is a good prospect for this business at present. The shipbuilding yard of Mr. Oswald, at Sunderland, is about to be re-started, a company having been formed for the purpose. It is also stated that another shipbuilding company is shortly to be started on the Wear. At Middlesborough on Tuesday the iron market showed a degree of animation to which it has long been a stranger. Prices have been much higher, the lowest rate for delivery during the remainder of the year, which was heard of being 43s. No. 3; for the first three months of next year 43s. 6d. Stocks declined last month to the extent of 33,000 tons. The demand from all quarters at home and abroad is good. All branches of the iron trade, both heavy and light, are consuming increased quantities of iron. There is a gradual aggregation of orders in every department. The reports from the shipyards are very satisfactory; work is very brisk. The steel trade is actively employed, and prices of steel rails are improving. The prices paid for foundry iron are rather low. The platemakers have not formally advanced prices, but are asking 2s. 6d. advance on the week. Ship plates are 6l. 17s. 6d.; bars and angles, 6l. 5s.; boiler plates, 7l. 17s. 6d. Coal and coke firm.

TRADE IN SOUTH WALES.

Dec. 8.—The more moderate weather of the last few days has enabled many ships to get away, while others have arrived to supply their places, and the tonnage is in better supply than heretofore. Notwithstanding the shipping of 106,600 tons of steam coal last week at Cardiff, there is a large amount of arrears to pull up, and the same state of things exists at Newport, where 21,278 tons were exported. Swansea seems about to yield all her coal trade to Cardiff and Newport owing to her distance from the steam coal valleys of reference to the proposed scheme. Plans of the proposed new buildings have been submitted to them by their architect (Mr. James Hicks) and a paproved, and a canvassing committee has been appointed to solicit subscriptions, Mr. Penrose being appointed treasurer. A freehold site on the Clinton-road, nearly opposite the site of the new church, has been given by Lord Clinton for a nominal consideration (7604.) The proposed school will be open to all comers, but it is not expected by the committee that the pupils residing more than three miles distant will make use of it; however, within this area there miles distant will make use of it; however, within this area there miles distant will make use of it; bowever, within this area there miles distant will make use of it; bowever, within this area there is a population of 25,000 persons, of whom more than 3000 attend Board Schools. It will, therefore, supply the requirements of Redruth, nearly the whole of Illogan, and parts of Gwennap, Wendron, the dementary room 45 by 30 ft., a master's painting and morkshops in the basement, a balance-room, laboratory, and classroom on the first floor, with accommodation for 20 students. The return on the first floor, with accommodation for 20 students. The committee can form no accurate idea of the help which they are the return of the coal trade are good, and it is expected that his basin deed been already effected so far large proprietor in this large proposition with respect to the Rhonda's Newport and the removal that the coal trade are good, and the scalar of the result of his week, mainly through the want of gas and other coal trade are good, and the probabilities of the form the science provided that week and the place of the work of the place of the work of the place o

lode MILEA

not e and c of 15 not l Poly unde

Ma ORE

lead

fath mak Eng

Stro Shar

inve

search place. journe that the Hill, to Robert and by toward and th has be immed and Bu Lovell and ot ments in low

one of brothe satisfie shaft a He con must r placer the wh not effected, and after some slow bidding which opened at 6000l., and closed at 10,000l. the property was bought in at the reserve price of 15,000l. A hope is entertained, however, that should the premises not be disposed of by private contract within the next few days, the Polytechnic will be re-opened under new management, probably under the immediate direction of the present acting secretary.

Here is a considerable amount of water, but strange to say the water seems to develope in wells, many wet mines having dry mines in close contiguity, but this is a simple question of £ s. d. to put up sufficient pumping power when water is found.

PROGRESS OF CORNISH LIMITED MINES

OLD SHEPHERDS MINES

(LIMITED).

CUTTING OF THE MAIN LODE.

This lode has already paid DIVIDENDS amounting to £80,000 sterling from very limited workings. There is a run on the lode for nearly a mile, which will doubtless be equally rich, and return SEVERAL MILLION POUNDS WORTH of SILVER-

There are six other well-known rich lodes in the sett, one of which has paid £161,276 IN DIVIDENDS.

able anu-

for

that

r of hree

pply fore. last

and

rdiff rs of ons) ever, they

ct in

ong

s to

the hich Messrs. Johnson, Matthey, and Co., Assayers to the Bank of England and Her Majesty's Mint, certify the produce of silver to be 186 ounces per ton of 20 cwts. of ORE, and Edward Lampshire, who worked on the lode, states-

"Within a few fathoms from the boundary I saw a LANE OF LEAD—in fact, nothing could be richer—worth 10 tons of ore to the FATHOM. From my 45 years' experience in lead mines I am fully persuaded there is not another such valuable sett in Cornwall."

Taking the quantity of ore at 10 tons per fathom, and the silver 186 ounces to the ton, the lode is worth £370 per fathommaking it the richest known lode in England.

ABBOTT, PAGE, AND CO.,

STOCKBROKERS,

42, POULTRY, LONDON, E.C.,

Strongly recommend the purchase of these Shares for early and large advances in prices.

Full reports on this and other progressive investments sent post free on application.

BRITISH ENTERPRISE IN LEADVILLE—OLATHE SILVER MINING BRITISH ENTERPRISE IN LEADVILLE—OLATHE SILVER MINING COMPANY.—A long and exhaustive report upon the property, by Mr. John Carter, has just been forwarded to the shareholders. Mr. Carter has, it seems, discovered some gentleman in Leadville who is willing to accept the paternity of the letter of "S. B.," published in the Journal of July 30; and, as he has made an unsuccessful search in America for Millom, pronounces it to be an unknown place. He is, however, perfectly satisfied with the result of his improved in the Journal of July 20; and the last search in the July 20; and the last search was a subject to the search of the journey to Leadville, which he has been able to find, and reports that the Olathe placer claim lies on the west and north-west of Fryer Hill, the east and south-east portions of which, commencing at the Robert E. Lee Mine, is covered with shaft howses, machine shops, and buildings of a miscellaneous description, extending thickly over towards the north and west extremities of the Amie carboniferous towards the north and west extremities of the Amie carboniferous and the chrysolite claims, the underground workings of which, he has been informed, are all driving in the same direction. Lying immediately opposite, in the same direction, is the Oolite, Tabor, and Bush combination, owned by Covernor Tabor, W. Bush, William Lovell, the original discoverer of the chrysolite, Mr. George Fryer, and others, and he has been informed by them that active developments are to be immediately pushed forward. Further to the west, in lower ground, is the new shaft, being put down by Mr. Roudebush, one of the principal proprietors of the Robert E. Lee Mine, and his brother, who has charge of the mine told him they were perfectly one of the principal proprietors of the Robert E. Lee Mine, and his brother, who has charge of the mine, told him they were perfectly satisfied with the prospects they had developed, and that the large shaft already commenced would be actively pushed to completion. He confidently anticipated striking the ore rich in that place, which must necessarily run the whole way underneath the country from the developments on Fryer Hill, including both sides of the Olathe placer claim and the Tabor Bush combination. Mr. Carter adds that the whole and sole question in Leadville is that at the lower depths

PROGRESS OF CORNISH LIMITED MINES.

The following special monthly reports have been forwarded by the directors of the respective companies:—

EAST WHEAL ROSE (LIMITED).

EAST WHEAL ROSE (LIMITED).

SPECIAL MONTHLY REPORT (Nov. 30).—Innes' lode in the back of adit, east of Foster's shaft, is about 2 ft. wide, and is now producing for lead and blende 30 cwt. per fathom; of the former from 15 to 18 cwt. per fathom. This is important, as it is nearly whole ground to surface, and litte or nothing done at any point below this level. Middleton's lode in the adit south is being opened on at two points. No. 1 is at presentlying at the back of the east lode. No. 2 is disordered by the crossing of Davis's lode; but at both these points Middleton's lode has produced some splendid work for lead, and we believe it will again do so as soon as the ends are extended sufficient distance as to be free from the influence of the crossing of the lodes referred to.—Penrose's: The engineers are now engaged in heaving in the 30-in. engine, and every effort will be made to complete this as early as possible. The building of boiler-house and stack will be finished (weather permitting) in about a fortnight from this time.—North Wheal Rose: The house for the 100-in. engine is up to the third and last floor, and will also be finished in about three weeks, unless prevented by inclement weather. The workthroughout the mines is progressing very favourably.—W. Skewis, T. Doinge.

OLD SHEPHERDS MINES.

OLD SHEPHERDS MINES.

SPECIAL MONTHLY REPORT (Nov. 26).—At your request we beg to hand you our report in detail of operations being carried on in the above mines:—Western Ground: Browne's engine-shaft has been sunk 16 fms. from surface, and two cross-cuts driven, one north 26 fms., where we intersected the north lode; also a cross-cut south 10 fms., where the south lode was intersected, which has been opened on east and west 16 fms., where the lode will average 3 ft. wide, composed of lead, blende, mundic, and flookan, altogether of a very promising character; in fact, we never saw the ends on this lode presenting a more cheering appearance than to-day. We have opened east and west on the north lode 5 fms., which will average 3½ ft. wide, composed of lead, blende, mundic, and soft prian spar. As the lead does make more than 1½ ft. from the bottom of the level we do not value the end, but the lode going down in the bottom of the level we do not value the heat, but the lode going down in the bottom of the level is worth for lead 12 cwts. per fathom. The indications are sufficient to warrant any reasonable outlay to further prosecute this in depth, as nearly all the lead has been broken from the bottom of the level. The engine is mastering the water very well at this depth, but is not sufficient power to sink deeper. About 30 fms., or midway between Browne's shaft and the western boundary, we are sinking a shaft on the north 15 lode, which is-now 1 fms. deep; at this point the lode is 7 ft. wide, composed of sand and mundle, everything that can be desired for the production of lead ore. We have also seen the backs of the lodes at three liferent points between Browne's shaft and the old mines of the east, which is produce splendid stones of gossan. Here we purpose continuing operations until we meet with the junction of the lodes previously mentioned in our reports.

North Mine.—From where the add cross-cut intersected the lode we have of lead and large quantities of mundle, and our object is to reach the end as so

MOUNTS BAY CONSOLS (LIMITED).

MOUNTS BAY CONSOLS (LIMITED).

SPECIAL MONTHLY REPORT (Nov. 28).—Trebarvah: We have nine men sinking the engine-shaft during the past month. They have put in cistern and fixed drawing-lift from the 40 to the 50, and sunk the shaft 1 fathom. This shaft is now down 2 fms. 5 ft. below the 50; the lode is about 6 in wide, producing occasional stones of copper, with blende and a congenial quartz. We may expect shortly to cut ore in this shaft. The 50, west of the engine-shaft, has been driven during the past month 7 fms. 2 ft.; the lode is about 6 in. wide, producing blende and areanical pyrites. It was been driven 5 fms. 1 ft.; the lode is 2 ft. wide. A flookant of the engine-shaft, has been driven 5 fms. 1 ft.; the lode is 2 ft. wide. A flookant of the engine-shaft, has been driven 5 fms. 1 ft.; the lode is 2 ft. wide. A flookant of the engine-shaft, has been driven 5 fms. 1 ft.; the lode is 2 ft. wide. A flookant of the engine-shaft, has been driven 5 fms. 1 ft.; the lode is 2 ft. wide. A flookant of the engine-shaft, has been driven 5 fms. 1 ft.; the lode is 2 ft. wide. A flookant of the engine-shaft, has been driven 5 fms. 1 ft.; the lode is 2 ft. wide. A flookant of the engine-shaft is sinking a winze below the 30 to hole to the 40 for ventilation of that end; four men are sinking the winze, at 14. per fathom, and 2s. 6d. per ton for white spathose iron and arsenical pyrites. The lode is producing about 5 tons of white spathose iron and arsenical pyrites. The lode is producing about 5 tons of white spathose iron per fathom. During the past month Richard's shaft has been sunk below the 57 fathom level 1 fm. 2 ft.; this is now 3 fms. 3 ft. below the 57. This shaft is sinking by six men, at 204. per fathom with the shaft is about 1 ft. wide, worth fully 204. per fathom; this is a very important point to have an improvement, being in the bottom of the mine.

The 50, east of Richard's shaft, has been driven 1 fm. 5 ft. 9 in. during the past month, and have re-set to two men, at 64. 10s, in the 14.; the lode is 6 in

penters and smiths have made and put the balance-bob in its place, and fixed cistern.

We hope to have the shears fixed in the coming week, and the capstan a few days after. The general surface operations are being proceeded with as rapidly as possible, and are hoping to be able to report shortly the starting to work of the pumping engine.—Pembro: Jones's lode is still about 2 ft. wide, in congenial strata, containing at times spots of lead, iron pyrites, &o. We are still driving on No. 7 lode, at 14. 10s, per fathom; the lode is 4 ft. wide, producing iron pyrites, iron ore, and a good deal of quartz; we have no doubt but what this driving will turn out something good by and-bye. At the engine-shaft we have completed the cutting down and putting in durns to the adit level. These men will now be employed about cutting ground for bearers and cistern, &c. The masons have nearly finished the walls of the boiler house, and are getting on fast with the building of the stack, which is up about 30 ft. high. The engineers have commenced to work about the engine. The winding engine and boiler have been brought on the mine, and the surface operations are proceeding very satisfactorily. We are very anxious to get the Sydney Cove and Pembro engines to work, for we feel we shall then be able to report something good to the shareholders.—WM. Argall, J. James, J. Rowe.

TRESAVEAN MINES (LIMITED).

SPECIAL MONTHLY REPORT (Nov. 25).—The Tresavean Mine comprises five setts—Treviskey, Tresavean, Trethanup, Brewer, and West Trethellan, all of which are held by different lords, the whole of these are communicated with under the adit; it is, therefore, necessary that we should go through the whole length of the adit to necessary that we should go through the whole length of the adit to see that it is secure, and that all the surface water is taken up at this level. For this purpose we have gone through about a mile and a half, besides branch levels, and the men are now clearing a choke to the west of East Trethellan, and as I do not know the exact extent of the adit, I cannot tell when we shall finish it. Besides this we have secured eight adit shafts, one of them being 20 fms. deep, which was full of debris for the whole depth, and we were obliged to close timber it 10 fms. from surface. The shaftmen have taken out the whole of the decayed wood in Harvey's shaft above the adit and replaced it with new, this now ready for dropping the pitwork. We have also secured Old East whim shaft, which will be our principal shaft for drawing stuff from the eastern part of the mine. The men are now engaged in securing Williams' engine-shaft, which will take about a fortnight longer; this shaft will also be used for drawing purposes, there being a good copper lode at the 155 in this part of the mine, where there is a lot of high ground standing.

Surface: The owner's account-men have taken cut the rubbish from the boiler-house of Harvey's engine, which was full for 40 ft. long and 12 ft. deep; they have also cleared and secured the lobby leading to Harvey's boiler-house; they have also taken away the old loading from Harvey's engine-house, and taken out the foundation for the steam capstan, and a reservoir is made to secure water for dressing and condensing purposes. The masons have repaired Harver's capine, and condensing purposes.

vey's engine-house, put on a new roof, and built a new loading; the new dry is partly built, as is the loading for the steam capstan, which will be finished in a few days if the weather permits. The carpenters have repaired the flooring, put on wood roofs where required, made the horses for the steam stamps, and are now busy preparing woodwork for Harvey's engine-house. The 90-in, engine is now on the mine, parts of which we had cleaned. The engineer has also arrived, and will erect with all possible speed. I feel confident, from reports I have had from old miners who worked here in the old working and from what I have seen, that in Tresavean you have a good mine, which will no doubt again prove one of the richest in the county.—J. JAMES.

prove one of the richest in the county.—J. James,

TRESAVEAN.

"Sir.,—Feeling interest in the welfare of the mines in this district, I thought it would be interesting to you to have some definite information about the prospects in the bottom of the mine, and the authority. Six years ago last Whit Monday I was at Pengreep, when, in course of conversation with Mr. John Michael Williams, the subject, among others, of Tresavean came up, and I distinctly remember his making a statement thus:—I was at the bottom of the mine with Capt. Joe Jennings about a month before it stopped, and the bottom level for 40 fms. long was worth about 40½, per fathom, with black tin at the then price of 40½, per ton, and it stopped because the lords wanted to impose a heavy fine for a new lease (the old one then almost expired), and compel us to sink a new perpendicular shaft east (which was not required) with any rebate of dues.¹ I need not tell you this piece of ground now is worth over 60½, per fathom, and, supposing it holds only 10 fms. up and 10 fms. down, has laid open 50,00½, worth of tin. I am well known to your engineer, Mr. Loam, and also to Mr. John Kendall, who reported on the property for you.

"Chas. BAWDEN."

TAUNUS SILVER-LEAD AND COPPER MINING COMPANY.

TAUNUS SILVER-LEAD AND COPPER MINING COMPANY. Daisbach, Nov. 30.—We are now making good progress in the rise to the 9 fm. level west (shallow adit) from the 12 metre level; it is now 10 metres above the back of the level—the lode in this rise looks promising, and is producing good stones of lead. The lode in No. 1 rise, in the back of the 12 metre level, is greatly improved, and is now producing 1 ton of lead per fathom; this rise will lay open some very good ground for stoping. No. 2 rise, in the back of the same level (the 12), is also greatly improved, and is producing about 30 cwts. of lead per fathom; soome of the lead from the lode in this rise is so pure that I am having it teken to the ore magazine in bags direct. In the winze below this level (the 12) the lode is looking very promising, and has improved in sinking; it is now worth about 30 cwts. of lead per fathom, and the ground is easy for sinking, but I fear we shall not be able to sink much deeper, owing to the water increasing every day. I now think we had better resume the driving of the 40 metre level east, in order to drain the winze in the bottom of the 12 metre level east, and to accomplish this will take two months. We are preparing to drive the 9 fm. level west, which will also lay open good ground. I intend to open several places in the back of the 40 metre level east to test the lode, where I think we shall find it satisfactory.—WILLIAM HOLLOW, Manager.

Cassell's Publications.—Science for All, part 49 contains An Eclipse of the Moon, by Professor Simon Newcomb, I.L.D., of Washington, D.C.; Colour, by Mr. William Ackroyd, F.I.C., with a chromo-lithographic illustration; A Piece of Black-lead, by Mr. F. W. Rudler, F.G.S.; Hot Ice: the Boundaries of the Liquid State of Matter, by Professor T. Carnelley, D.Sc.; A Brown Seaweed, by Professor E. Perceval Wright, M.A., M.D.; and Sunlight, Twilight, and Halos, by Dr. R. J. Mann. The History of Protestantism, part 30, includes the chapters on the Conquest of North Germany by Ferdinand II. and the Catholic League; on the Edict of Restitution; on the Arrival of Gustavus Adolphus in Germany; on the Fall of Magdeburg and Victory of Leipzig; on the Conquest of the Rhine and Bavaria and Battle of Lützen; on the Death of Gustavus Adolphus; on the Pacification of Westphalia; and on the Fatherland after the War. Knight's Practical Dictionary of Mechanics part 60, extends from Reaper to Resin.

MINING ACTIVITY IN CORNWALL.—There has not been so much industrial activity in Cornwall for some years past as there is at the present moment, and no working man desirous of finding work need be out of employment for a single day. The new mines which have been floated recently are employing a large number of hands, particularly at East Wheal Rose, where there is great activity, and the preparatory work is being pushed on with the greatest vigour, several of the directors having been down this week to the mine. An immense quantity of timber passes through Truro every day to this and other mines. At the present moment there are fitteen engines to be erected for about five of the new mines in Cornwall, including East Wheal Rose, Shepherds United, Tresaven, &c., and of these engines thirteen have been ordered from the Hayle Foundry, where there is just now a complete block of work.—West Briton.

Messys. Pryor and Son, the well-known mining engineers. Red-MINING ACTIVITY IN CORNWALL.—There has not been so much

Messrs. Pryor and Son, the well-known mining engineers, Red-ruth, are engaged in inspecting an important mining property in

Spain.

Mr. James Cooper has been appointed official liquidator of the Silver Valley Mines (Limited).

Mr. Harry S. Foster (Foster, Hight, and Co.) has been appointed official liquidator of the Patent Enamel Advertising Company (Limited).

COPPER ORES.
Sampled Nov. 16, and sold at Tabb's Hotel, Redruth, Dec. 1. Mines. Mella
 Mellanear...
 506
 £1794
 1
 6
 New Cook's Kit...
 82
 £ 306
 1
 0

 East Pool.
 156
 469
 17
 0
 West Seton...
 55
 258
 14
 6

 West Tolgus
 145
 811
 17
 6
 Wheal Comford.
 25
 78
 2
 6

 Violet Seton
 134
 644
 8
 6
 South Condurrow.
 12
 71
 2
 0

COMPANIES BY WHOM THE ORES WERE PURCHASED,
 Name.
 The other of the control of the con

NO SALE on Thursday last, Dec. 8, or on Thursday next, Dec. 15.

COPPER ORES.

Sampled Nov. 23, and sold at Swansea, Dec. 6 TOTAL PRODUCE.

 Garonne Ore
 231
 £1128
 2
 8
 Copper Precipit
 113
 ... £5023
 14

 Caveira Ore
 227
 715
 1
 0
 Copper Ashes
 23
 46
 11

 Berehaven Ore
 146
 923
 9
 0
 Copper Ore
 19
 242
 14

 Virneberg Ore
 112
 586
 9
 6
 Caveira Precipit
 8
 408
 4

 Tan-y-Bwich
 74
 182
 13
 6
 Copper Matte
 7
 97
 9

COMPANIES BY WHOM THE ORES WERE PURCHASED.
 COMPANIES BY WHOM THE ORES WERE PURCHASED.

 Names.
 Tons.
 Amount.

 Copper Miners' Company.
 329
 £ 1,570 12 0

 P. Grenfell and Sons.
 31
 75 3 6

 Nevill, Druce, and Co.
 122
 2,994 14 6

 Vivian and Sons.
 115
 3,203 4 0

 Williams, Foster, and Co.
 19
 242 14 6

 Mason and Elkington
 231
 1,126 2 6

 Landore Copper Company
 113
 340 8 6
 . 960 € 9,462 19 6 NO SALE Dec. 20.

O SALE Dec. 20.

TOTALS AND AVERAGES.

21 cwts. Produce. Price. Per unit.

Whole sale ... 960 ... 15½ ... £9 17 1 13s, 0d.

Lady Rashleigh Consols (Limited).

CAPITAL £20,000, IN 20,000 SHARES OF £1 EACH.

Payable-2s. 6d. on application, and 5s. on allotment. The remainder as required.

DIRECTORS.

Alderman WILLIAM EDWARDS, J.P., Wolverhampton, Chairman of East Roman Gravels Lead Mining Company (Limited).

ALEX. FOWLER, Esq., Harley-street, London, W., and Bridge of Allan, N.B., Director of the Organos Gold Mines (Limited).

RICHARD HENEGAN LAURIE, Esq., Temple, W.C.

The Hon. WALTER SUGDEN, Putney, S.W.

BANKERS—THE ALLIANCE BANK (Limited), Bartholomew-lane, E.C.

SECRETARY AND OFFICES-Mr. J. J. ALLBROOK, 32, WALBROOK, LONDON, E.C.

ABRIDGED PROSPECTUS.

and working the Lady Rashleigh Tin Mine, St. Blazey, Cornwall.

royalties are 1-24th only.

This company is formed for the purpose of acquiring, developing, and working the Lady Rashleigh Tin Mine, St. Blazey, Cornwall.

The property has an area of about half a mile square, and the organized area of about half a mile square, and the organized state of development, the directors feel assured that returns of tin can be made and a dividend returned within a few months, and they have no doubt, having regard to the small amount of capital employed, and the low cost at which the mine can be worked, that the dividends will be highly remunerative.

The property has been inspected and reported upon by the well-known Capt. Josiah Thomas (Dolcoath Mine), Mr. Brenton Symons, C.E., F.C.S., &c., Captain Richard Pryor (of Redruth), Captain Philip Rich (of St. Blazey), and Captain John Phillips (of Newlyn). All the reports may be seen upon application to the secretary of bankers.

The directors feel assured that returns of tin can be made and a dividend returned within a few months, and they have no doubt, having regard to the small amount of capital employed, and the low cost at which the mine can be worked, that the dividends will be highly remunerative.

The property has a narea of about half a mile square, and the increase of development, the directors feel assured that returns of tin can be made and a dividend returned within a few months, and they have no doubt, having regard to the small amount of capital employed, and the low cost at which the mine can be worked, that the dividends will be highly remunerative.

The property has been inspected and reported upon by the well-known Capt. Josiah Thomas (Dolcoath Mine), Mr. Brenton Symons, C.E., F.C.S., &c., Captain Richard Pryor (of Redruth), Captain Philip Rich (of St. Blazey), and Captain John Phillips (of Newlyn). All the reports may be seen upon application.

Full prospectuses may be obtained upon application to the secretary of bankers. This property possesses natural advantages which are probably unequalled by any mining property in the district. By means of the adit level (which is being driven in at the foot of the hill), the mine will be drained and the ores will be conveyed to the dressing-floors without the aid of machinery. A large preliminary outlay of mine with out the aid of machinery. A large preliminary outlay of many thousands of pounds in pumping and winding machinery, in addition to a permanent annual charge, will thus be saved. The only motive power required will be for stamping and dressing, and this will be supplied by water, of which there is generally an abundant employer. dant supply.

There is every facility for transit. Immediately adjoining the Gressing-floors are a cart road and a branch of the Cornwall Minerals

tary or bankers.

The directors invite intending investors to visit the mine and inspect the property for themselves before applying for shares.

FOREIGN MINES.

FOREIGN MINES.

ST. JOHN DEL REY.—The directors have received the following telegram from Morro Velho, dated life de Janeiro, Dec. 9: Produce for the month of November 2590 teles value, 11,621, yield, 22 oits, per ton.

Last CHANCE.—Dec. 1: The Last Chance Consolidated Silver Mining Company (Liberton Last Chance). The Last Chance Consolidated Silver Mining Company (Liberton Last CHANCE.—Dec. 1: The Last Chance Consolidated Silver Mining Company (Liberton Last CHANCE.—Dec. 1: The Last Chance Consolidated Silver Mining Company (Liberton Last CHANCE.—Dec. 1: The Last Chance Consolidated Silver Mining Company (Liberton Last CHANCE.—Dec. 1: The Last Chance Consolidated Silver Mining Company (Liberton Last CHANCE.—Dec. 1: The Last Chance Consolidated Silver Mining Company (Liberton Last Chance C

— The following telegram has been received from the manager at the mines: "Remittare received. Hired three additional ore teams. Will commence milling within 10 days. Jcn's wants Isabelle stock for his thousand." EUREKA (NEVADA) SILVER.—Report on the mines for the week ended Nov. 14: Bald Eagle: Work has been suspended at this mine during the last four days owing to a break in the steam-pump, which is now repaired; work will be reasured to-morrow. The upraise above the north drift, from the west crosscut, has been advanced 17 ft. without any improvement; the ground is very soft and easy to work, and contains some particles of ore. The north drift from the east cross-cut. The upraise on the fissure to connect with the old stopes has advanced fit, work will be commenced on the bottom, or 300 ft. level, to-morrow.—Williamsburg: We have shipped 14 tons of ore during the week, and have about 5 tons at the mine ready for shipment. No change in the stopes.

SILVER HILL.—The managing director has just returned from the mines, and in forwarding his report and that of the resident superintendent to the shareholders the board state that they had quite anticipated that by this time they would have been able to state that the mines were in full working order, but these anticipations have not been realised owing chiefly to the late period of the season when the managing director obtained possession of the company's property, to the difficulties experienced in obtaining timber for fuel, and to the

of the season when the managing director obtained possession of the company's property, to the difficulties experienced in obtaining timber for fuel, and to the time occupied in repairing and putting in the ordinary machinery already on the mines. The directors observe that Mr. Taylor adheres to his previous opinion of the great value of the property, and though but little progress can be made in development before the spring, the driving of the tunnel, which is a work of great importance, will continue during the winter. Mr. Taylor in his report states that in July last he ordered a concentration mill, but the machinists were unable to get it out before the winter set in; they have, however, arranged to have it out early in the spring, by which time he fully expects there will be a large pile of ore to treat. He saw the machinery (which is now ready to be shipped from Arlington Works, Jersey) before leaving America, and got it stored to the company's order. It is the best finished he has seen, and will be sent out

early next spring. He also purchased a patent rmelting furnace, with firebricks and all the appurtenances, quite new (not having been erected) for \$3000. The market price being \$10,000, besides carriage from New York, the fire-bricks alone costing \$2635; this is a saving to the company of at least \$10,000. The smelting furnace is now on the company's premises, and will be erected the smelting furnace is now on the company's premises, and will be erected (Nov. 1):—One lode, the J. B. Norris, is a fine masterly lode about 40 ft. wide, and will doubtless yield a rich return, the others I cannot say much about until they have been worked, but I think they will prove rich. I have also examined all the lodes at surface, and judging from the large outcroppings of quartz and mineral, their general character, they are unquestionably true fissure veins, and will, when cut by the tunnel prove to be of immense value. I am on this point borne out by all mining experts who have seen them. I hope to be about 100 ft. from the present end.

PIERREFITTE, Dec. 3: The ground in the adit level in the south mine is somewhat harder for driving. No important change has taken place in the stopes. In the north wine the cross-cut south appears to be entering a portion of the lode which contains blende, which clearly shows the end has not yet passed through the whole of the lode. What the value of the lode is remains to be proved; so far as seen it contains, as before stated, 3½ tons of good lead ore per lathom. It is also spotted throughout with lead ore. The latter, however, is not at present in sufficient quantity to value. In the No. 3 level a slight improvement has taken place in the lode for lead ore. The latter, however, is not at present in sufficient quantity to value. In the No. 3 level a slight improvement has taken place in the lode for lead ore. The latter, however, is not at present in sufficient quantity to value. In the No. 3 level a slight improvement has taken place in the post of the lode of the lode ore. The latter, ho

a breaking up of the drought. I hope the prognostications will prove correct. Last year at this time I know we were deluged with water both over head and under foot.

OLOMBIAN HYDRAULIC.—E. S. Jones, Oct. 20: Run No. 79: All preparations for cleaning-up were completed, when, on the 17th inst., an accident occurred on the Malpaso ditch which prevented our washing up. Nearly 30 ft. of dumes broke down, which will take a week to repair, so I am obliged to defer the clean-up until the end of the month, when I will send you the results, and sho the diary and water account by the intermediate mail. I have sent nearly all the men to repair the damage, and kept a few working to bring up the cut to continue the sluices ahead. During the month we have been cutting through the pipeclay, and pushing this work as much as possible, and now the water is off we shall advance the work considerably. We have now completed washing away all the tailings, and we shall shortly commence piping on better gravel. I am carrying a channel as narrow as it is safe to do, leaving a sufficient space to deposit rocks that do not run down with the water.—Upper Mine: The pipe is uearly ready to turn on line water when required, that is, after the lower sluices are connected with the upper ones, so that the rocks, &c., may run clearly through to the outlet.

— E. S. Jones, Oct. 29: Malpaso, Run No. 29: On the evening of the 26th inst. the broken flumes at the ditch were repaired, and on the 27th we commenced cleaning-up, and continued as far as gold could be found—that was 300 ft. from the end of the sluices. This gave nearly sufficient to pay one month's cost, which, as you will observe, shows an improvement on the previous mont is. We only worked on gravel one month, and the other, as you know, was spent in running down tailings. We will shortly complete washing the rest of the waste and commence piping again in sound gravel, the prospects of which are vory favourable. During the month the cut on the pipeclay to exeavate to the depth of the slu

f pipe is ready, and the water can be turned on at a moment's notice. Timber is being got ready also to connect the sluices, as, until that is done, no work can be commenced, otherwise it would interfere with the propress of the new opening.

SAN PEDRO.—R. F. Pechey, Oct. 1: San Pedro Shaft: During the past month the shaft has been secured from the 135 to the 150, with the exception of a couple of days' work still required above. The most important point was to communicate with the water about 2 metres below the 150. The skip-road has been successfully carried down from the 135, and on the 29th the preparations for drawing water were completed, the road being dropped from the couple of the water. This operation, which necessitated very considerable contrivance, was carried out serviceably without any mishap, the timber and rubbish that covered the surface of the water having been previously removed as far as possible. A line 46 ft. long has been dropped from the 159 into the water without encountering any obstacle to that depth. Here again the most sanguine expectations have been realised, as it was a grave question how far the shaft from the 150 to the 155 might have been filled up by the falling in of the sides, rendering it impossible to draw the structure of the shaft is clear for half its depth, and possibly the obstacle at this portion of the shaft is clear for half its depth, and possibly the obstacle at this portion of the shaft is clear for half its depth, and possibly the obstacle at this portion of the merely glosed by timper jammee; in the shaft, and may be easily removed. The road works admirably under water, and the skip delivers 140 gallons of water at the adit every eight minutes. The shaft is secured from the 150 to the water level, I was down below this morning as far as the water, and was exceedingly well pleased with the work performed and this soccurs from the 150 to the water level, in so far that no accident can now occur to upset calculations, and so, materially retard it. In a few more

paired within 5 fms. of the bottom of the mine.

BRATSBERG COPPER—John Daw, A. W. Daw, Nov. 29; In handing you our monthly report we beg to state that the Murchison shaft is sinking in a good lode, the same being about 3 ft. wide, composed of quartz and rich copper ore, worth 3 tons, or 36t, per fathom; at times during the past month the lode has been worth 50f per fathom. We have two stopes working to the east of this shaft; the lode is 2½ ft. wide, and will yield 1½ ton, or 18t, per fathom. In No. 3 adit the lode is loaking well, the same being 2½ feet wide, composed of quartz and copper ore, and is worth 1½ ton, or 18t. per fathom. The winze, sinking about 8 fathoms behind the end of the lode, is 3 ft. wide, and is worth 15t, per fathom. The stopes in the back of this level are yielding about 1 ton, or 12t. per fathom. In the middle adit the lode is 2½ feet wide, worth 12t. per fathom. In No. 2 adit, the lode is about 2½ ft. wide and of a very kindly appearance, yielding stones of rich one, but we put no value on it. In the winze sinking in the bottom of this level the lode is 2½ feet wide, worth 12t. per fathom. The exopes are yielding, very fairly 'at this level, and, worth about 1 ton, or 12t, per fathom. The cross-cut we are pushing as fast as possible; also making the tramway from No. 3 adit to the dressing-floors. We hope to finish the planing of this road in the course of a fortnight from this date. During the past month we have driven and sunk 16 fms. 4 ft., and have stoped 31 fms.—total, 97 fms. 4 ft. We consider this has yielded over 100 tons, worth, at present prices, more than 12t. per ton. The cost will be about 800t, by the time the ore arrives in England. The profit is about 500t. The weather is very favourable for all our work.

our work,

SENTEIN.—Report for the month of November Crude ore raised from the nine, 757 tons of 1000 kilos. Crude ore sent from the mine to the dressing-floors, 332 tons of 1000 kilos. Crude ore dressed, 615 tons of 1000 kilos. Hagging not tailings dressed, 100 tons of 1000 kilos, equal to 715 tons of 1000 kilos. Market lead ore produced, 1st class, 52 tons of 1000 kilos.; 2nd class, 15 tons; lende ore produced, 1st class, 120 tons of 1000 kilos.

— M. Scantlebury, Dec. 1: In No. 5 end the lode is composed of capel and market, with a little blende and lead ores; set to four men for the sum of 150 fr.

per metre courant. The lode in No. 1 stope in bottom of No. 4 level is 11 ft. wide, and worth 5 tons of lead and blende per cubic fathom; set to six men for the sum of 20 ft. per metre cube. In No. 1 stope in bottom of No. 4 level is 11 ft. wide, and worth 2 ft. 15 no. 1 ft. 15 no. 2 ft. 15

so great as to seriously interfere with the old framework in the upper part of the shaft, and had to discontinue working the drills for a few days during the week, to make things more secure above. A small experimental roasting furnace is almost completed, by which I intend roasting our rich ore thoroughly before treating. Fin following cablegram was received on the 5th inst.— 'Gallimore treating.' Fin following cablegram was received on the 5th inst.— 'Gallimore treating.' Fin following cablegram was received on the 5th inst.— 'Gallimore treating.' But the following the following on the following the following of the following the follow

shaft sunk, I ft. 6 in.; Glenrosa tunnel driven, 4 ft.; tunnel east in Bungalow Hill, 18 ft.

DINGLEY DELL ESTATES AND GOLD.—Nov, 11: The heavy rains have still further impeded our progress at No. 1 reef, but it is a matter of little consequence as we shall employ the same men to open up No. 4 reef, and we have from 50 to 60 tons of quartz got out, which will be quite sufficient to try the quality. At No. 3 reef we have exposed it on the top for 80 ft. in length, and so far as we are able to judge from appearances it is a massive outcrop of quartz; the deepest point attained is 14 ft., where the lode is not in any way diminished in size, and shall lose no time in showing up No. 4 reef. Should have gone over Fletcher's application ere this, but any attempt would be futile, owing to the thick jungle in this direction; we have commenced to cut a road to it, and as soon as completed I will go over and report on it. For the past two or three days there have been some heavy rains, and done a good deal of damage to our new roads; we are now busily engaged getting them repaired before the mechinery can possibly be got over them. I am afraid this will greatly retard the heavy machinery which is now on the road from Beypore—two engines and a stonebreaker. In some places the roads are so soft that the carriage of anything heavy is almost impossible. Very good progress is being made in the erection of the machinery we have on the mine. I trust you will not get impatient as the country is very difficult for getting materials into. If there is anything you wish us to do more than is previously mentioned I shall be pleased to hear from you.

**DALAR GOLD —Cent Rocal (Nov. 14) writes: No. 1 shaft is sunk 72 ft., and

you wish us to do more than is previously mentioned I snait be pleased to alrow you.

COLAR GOLD.—Capt. Reach (Nov. 14) writes: No. 1 shaft is sunk 72 ft., and we are now driving north and south on the lode. The lode in the south divage is 18 in. wide, but not so large in the north divage. The ground is still hard, so last reported, and I do not anticipate much improvement until we get into better and more congenial ground, and I think we shall not be long before we reach it. At No. 2 shaft the depth is 72 ft. The cross-cut west from shaft is driven 42 ft.; here we are driving north and south on a lode, and have opened out on its course 16 ft. The width of the lode for the 16 ft. drivage has varied from 3 ft. to 18 in., but to-day it is 2 ft. wide, and producing good washings of gold; this discovery I consider very encouraging. We have now on the floor at surface about 25 tons of it. In the cross-cut east from shaft we have met with several strings or branches of quartz, and during the past week have had some

good as withat in the min to the continuous continuous

retur Val I lode, south place south yield regul lode : Rosse ceous disap brance north men 6 ton: mont 8 dwt ably flat i

stone on th stope crush 16 2-5 that

finar
oper
the s
sults
the d
mine
ing t
unde
reser
hithe

inter yet b origi repor retur

work

for t lime bons meta cher iron or a pet

rt on

artz; ished over o the nd as three o our e mad a thing

, and ivage rd, as into s re we aft is pened varied oor at t with

good washings of gold from it; and, judging from the appearance of the ground, as well as from some extensive ore workings at surface, I incline to the belier that we shall soon come upon a regular lode, and when we have come upon it my opinion is that it cannot fail to be of a productive character. At No. 4 shalt the depth is 41 ft. Here we are cross-cutting east, and have driven from the shalt 13 fms. 2 ft. We have this week intersected a branch of quartz running a little west of south. It is a dark, kindly looking stone. My little the stone of the stone of the stone of the stone of the stone was come upon a little water, and shall now start to drive a cross-cut west to intersect the lode seen at 37 ft. depth. I am very hopeful as to finding something encouraging from the drive we are now starting. New shalt, in the centre of Nos. 3, 4, and 5 shafts, is in a north and south line with No. 2 and main pumping shafts. I am very hopeful of obtaining good results from this run of ground; in fact the discovery at No. 2 shaft speaks well for it. The discovery of quartz reported last week in bringing up a drain 24 ft. west of No. 6 or main pumping shaft, I have sunk on it during the week 14 ft., and so far it continues to be very regular and produces good looking stone. I have had several stones crushed and washed, and all of them produced a fair show of gold. I still think it is the same lode we are working on in No. 2 shaft. The health of the whole establishment is exceedingly good.

The rise stope in back of the 33 fm. level north is yielding 3 tons of ore per fathom; worth 10 dwts. of gold per ton. The 55 north has been driven through the line of acquavita shoots, and not finding any of them holding down work is suspended. The 50 north continues in stiff unpromising schists. In the 100 end south the lode shows strings of ore spreading off to the right from the flat course, but has nothing defined enough to follow yet; it is yielding a present 1 ton per fathom, at 1 oz. 2 dwts. per ton. The lode in the 110 south ha

AUSTRALIAN MINES.

PORT PHILLIP AND COLONIAL GOLD.—The directors have advices to Oct. 22 giving the results of the month's working ending Oct. 5. Total quartz crushed, 2505 tons; total gold obtained, 947 ozs. 16 dwts. 12 grs.; average per ton, 3 dwts. 23 grs. Receipts, including 8504. obtained from tributers, 12674. 0s. 8d.; payments, 13014. 11s. 11d.; loss, 344. 11s. 3d.; which, deducted from the previous balance, left in hand the sum of 6594. 0s. 11d., which was carried forward. VICTORIA (LONDON).—The directors have advices to Oct. 24 giving the results of the working of the South Clunes Mine for the month ending Oct. 12. Total quartz crushed, 3400 tons; total gold obtained, 631 ozs. 9 dwts.; average per ton, 4 dwts. 1 gr. Receipts, 16914. 19s. 9d.; payments, 16094. 16s. 6d.; profit, 824, 3s. 3d.

ouits of the working of the South Clunes Mine for the month ending Oct. 12. Total quartz crushed, 3400 tons; total gold obtained, 691 czs. 9 dwts.; average per ton, 4 dwts. 1 gr. Receipts, 16912. 19s. 9d.; payments, 16092. 16s. 6d.; profit, 822. 3s. 3d.
ENGLISH-AUSTRALIAN GOLD.—Mr. Mark Pollard, Fryerstown, Oct. 24; We have extended the 360 ft. level south 6 ft. during the past formight without any change in the ground; quartz 3 ft. in thickness, and about 25 ft. in height on the lode, with two small leaders in the western wall. I have not seen any gold in breaking the quartz, but it is very good-looking stone, with slate and sandstone bars. In the 320 ft. level I have commenced to rise on the lode at the end of the cross-cut; rise up 10 ft., with sandstone country on the western wall; the floocan or lode 1 ft. thick, with water coming from the north end of the rise; I have no quartz in sight. In the 290 ft. level east the drive has been driven 6 ft. in the past fortnight through very hard sandstone; I think this stone is about 15 ft. thick. There is another run of slate as far as I can see by the stopes above, and there is a good flow of water still. We have extended the 20 ft. level south 9 ft. in the past fortnight; quartz very small and poor. I have also driven 12 ft. north at the same level; this end is looking betger; lavatz getting thicker going north, and we see a little gold in breaking it; I have also met with quartz at the 140 ft. level engine-shaft, but cannot say any thing about the thickness of the stone as yet, as the men are only 3 ft. up the drive, but they have every indication of a large body of stone going down. If so I shall have to put another rise from the back of the 200 ft. level to work this stone to a better advantage than I can from this level. I have seen good gold on the eastern face of the stone, but we have not driven through it as yet. The stopes all through your mine have been very poor this month, as we have rushed 3775 tons for an outturn of 104 ozs. of retorted gold; yield 2

TOLIMA MINING COMPANY.

TOLIMA MINING COMPANY.

The directors' report and balance-sheet prepared for presentation at the meeting on Dec. 20 are favourable. The Frias profit amounted to 41764. 19s.; the Alto profit to 3404. 15s. 5d. The dividends paid in August, 1880, December, 1880, and April, 1881, aborbed 68534. 19s. of the available balance, leaving 72204. 2s. 7d. to carry forward. The directors report that in submitting the balance-sheet for the financial year ended May 31, and the superintendent's report of the operations at the mine for the same period, they have little to add to the ample information they convey both as regards the work done and the results attained. Although the profits are smaller than those of the previous year, the directors think themselves warranted in believing that the position of the mine is nevertheless sounder and the prospects of the company more encouraging than at any former period. This conclusion is based on the position of the underground works, which have been so carried on as to leave a very considerable reserve of mineral, which will secure in the future a regularity of output not hitherto attainable; whilst the exploratory works have proved that the main lode both strengthens and widens as it descends, and displays in its western extension unmistakable indications of deposits underlying the old Spanish workings. Works, and every effort is made to combine economy with the efficient treatment of the mineral. In the accommodation for packing and loading the ore extensions have been made, which materially expedite its dispatch, whilst the armagements for its delivery and export from Honda made been simplified by the transport contractor who has energetically seconded the efforts of the superintendent for its speedy shipment. The works at the Sabandija Mine have not yet been sufficiently advanced to permit of more than the verification of the regiments for its delivery and export from Honda made been simplified by the transport contractor who has energetically seconded the efforts of the superin

IMPROVING IRON AND STEEL.—In carrying out their invention for this purpose Messrs. Love and Cochrane, of Lanchester, cause molten iron or steel to be run into moulds formed of mixtures of lime or limestone and peat, or sawdust, or dead leaves, or other carbonaccours statistically and the company and t bonaceous material or mixtures of the same, whereby the molten metal is dephosphorised, and otherwise freed from impurities by the chemical affinity therefore of the constituents of the mould. The iron or steel may be run from the blast-furnace, the reverberatory, or any melting furnace into moulds formed of the combination of material above described. material above described.

CAMBRIAN MINING COMPANY. LIMITED.

The following is Mr. Joseph Fell's latest:-

To the Shareholders of the Cambrian Mining Company (Limited). I must again trespass on your patience to answer the circular of Mr. Adams, dated December 3rd, and headed "Lay on, Macduff." The ordinary effect produced, on even the least educated, by the state of Mr. Adams, dated December 3rd, and headed "Lay on, Macduff." The ordinary effect produced, on even the least educated, by the support of the date of the state of as Mr. Fell. Now Mr. Adams has never been guilty of such politicness, but, without the manners of a scavenger, has always spoken of me as *Fell." In ow began to doubt the authorship of the circular. I read on. I read several paragraphs without any very have stated the state of the s

Macduff" circular, which again puts forth the absurd false pretences that I am indebted 70,000/t to the Cambrian Company for the privilege of their taking from me my mines.

I give Mr. Adams full credit for an earnest desire to extort money, but as I have said before, with seora and contempt, I defy him. In order to prevent the shareholders from asking questions, Mr. Adams searces himself by promising to "enforce such claim as my solicitor may ultimately advise me to take." Truly Mr. Adams shews the courage of the mountebank, rather than the bravo. I would now suggest to the shareholders that they put all or any of the following questions to this disinferested Mr. Thomas Adams.

1.—What is the nature of this new agreement? If he does not answer this I will compel him to do so.

2.—What mining experience has Mr. Adams ever had (when and where) that he asked you to entrust your magnificent property to his control?

3.—Did he go underground at the Cambrian Mines before, or has he since had the impertinence to condemn the late operations?

4.—Has he not a mortgage on the mics, and is he not amply secured for every farthing expended by him?

5.—What is the estimated amount of his solicitor's costs up to the present time? Mr. Adams has previously assured you that 2001, should cover everything, including registration fees of the new company?

6.—What amount of preference capital has been allotted and paid for? At a recent meeting Mr. Adams stated the amount subscribed to be over 20,0001. In a subsequent circular placed the amount at 17,0002, and in an affidavit he has sworn the amount to be 12,0002. Which, if either, is correct? If neither, what is the actual amount?

Now for a most important question to those who have parted with their money.

7.—Where is the money, and in whose custody and control?

8.—Has any of this money been spent? If \$1\$ so, how much, when, and for what Purpose?

8.—How the the current expenses being paid, by whom, and on what security?

8.—Hasany of this money been spent? If so, how much, when, and for what purpose?

9.—How are the current expenses being paid, by whom, and on what security? By the time Mr. Adams has answered these questions I shall be in a position to furnish him with some further ones, and if he does not answer I shall be in a position to make him.

Mr. Adams has made a new and marvellous discovery—viz., that these circulars all cost money, and he says—"Therefore for the present I do not think it will be necessary to address you further." In one sense this must be considered a mercy, but how about "Lay on, Macduff," &c.? The true reason for his abstention is that Mr. Adams is being found out, and he knows it.

Before concluding this somewhat lengthy circular, I cannot but express my thanks to the large number of shareholders who daily send me most flattering evidences of their appreciation of my endeavours in the cause of truth, justice, and right.

Yours ever truly,

JOSEPH FELL.

PRIZE CONUNDRUM.

PRIZE CONUNDRUM. P.S.—Through the courtesy of a clergyman, I am able to enclose you fac simile (blots, smudges, alterations, and all) of Mr. Adams' own unaided, clear, and fluent intelligence. What does it mean?

Mining Correspondence.

BRITISH MINES.

BRITISH MINES.

ALSTON UNITED.—C, Irving, Dec. 8: Our lode still keeps improving in the western level, and we are getting large rocks of solid ore from the end. Our eastern end is the same as last reported—orey throughout. We shall commence sinking our shaft on the course of the lode immediately, and there is every prospect of our lode increasing in value as the shaft goes down, as it is greatly improved in the bottom of the present level.

ASSHETON.—Josoph Garland, Dec. 7: Last month, which ended on the 3rd inst., the 40, west of boundary shaft, was driven 6 fms. 4f.; the ground is favourable but defective, and the ventilation somewhat impedes our progress. The lode has improved a little in appearance, and now shows a little copper and lead ores. Its width is 2 ft. The 70 west was driven 5 fms. 3 ft. 6 in.; the lode is about 2 ft. wide, and contains a sprinkling of lead ore and fron pyrites. The lode in the intermediate level, west of Millord's rise above the 50 west, is 5 ft. wide, and yields ½ ton of lead ore to the fathom. The tribute pitches are yielding about the usual quantities of lead ore. We sold 20 tons of fead ore on the

ing about the usual quantities of lead ore. We sold 20 tons of fead ore on the 23th ultimo.

BEDFORD UNITED.—R. Goldsworthy, Dec. 7: North Lode: Driving in the 115 east is being carried on by the side of the lode; consequently there is nothing new to report.—Bridge Lode: No lode has been taken down in the 30 east or west since last report. In the 20 east the lode is 25 ft. wide, with a branch of black and red oxide of ore on the footwall about 3 in, wide; in the last few feet driving there have been some beautiful spots of native copper, showing the ground to be highly mineralised, and a good deposit of ore may be expected the beautiful about 3 in, wide; in the last few be cut into any day. There is no other change to notice.

BELL VEAN.—Capt. Thompson: At Gobbin's shaft the bottom is still improving; granite all gone; we have now lode 7 ft. wide, composed of prian and peach, and good fortin throughout; south wall underlying cert is utill. The western level at the 20 same as last.—Eastern Level: This end is still going wider, the end being over 5 ft. wide at present. At Bell's shaft the men are pushing on this work, and hope to be through into the western level by rext study.—Stamping Engine, Machinery, and Buildings: Engine rectly for work. Machinery, four trucks come to station to-day; I will bring on to while on Monday, new engine at station as well. Powder store finished, and licers of the last of the control of the licers of the last of the lower of the licers of the last of the licers of the last of the licers of the last of the licers of the lower of the licers of the last of the licers of the last of the licers of the last of the last of the licers of the last of the licers of the last of the last

part Monday, new engine at station as well. Powder sion finited, and thereselved the National Control of the Co

of operation since last advice.

PlaKE WALLS UNITED.—Moses Bawden, Dec. 8: We are making fair progress in driving the deep adit level west of cross-course, towards Mathew's shaft, 20 fms. of the 30 being already accomplished, and we hope to make still greater speed. By the aid of rock-drills we are driving this level at 44. 15s. per fm., the men having a contract at this price to drive to Mathew's shaft, whereas by hand labour we should have to pay 7t. per fm. the men that the should have to pay 7t. per fm. the winse shall whereas by hand labour we should have to pay 7t. per fm. the winse sinking in the winse sinking the shall be shall be should have to pay 1t.

below the 40, west of Mathews' shaft, the branches are producing some good work for tin. We shall by sinking this winze lay open a large extent of good tribute ground, which we expect to take a may at considerable profit to the

work for tin. We shall by sinking this winze lay open a large extens of goar tribute ground, which we expect to take away at considerable profit to the company.

DUCHY.—P. Argall, Dec. 3: The engine-shaft is now about 9 fms. below the 58, and we hope to be deep enough to commence the 80 in January next. We have passed through the leady ground in the 68, and hope soon to get into the blende producing part of the lode. The branch cut in the 80 (reported last week) has opened out to a well-defined lode fully 4 ft. wide, producing lead, blende, and spathose ores, worth at present 15t. per fathom; this lode crosses our main lode almost atright angles, and from its position, and bearing is evidently the Peru lode, which proved very productive for silver-lead, a little to the north of our sett. There is no notable change in the blende branch discovered in the 40 east. The rise over the 40, old sump-shaft, continues as last reported. During the last four weeks we have raised, dressed, and sent off 1015 tons of blende and 250 tons of spathose ore.

EAST BLUE HILL.—S. Bennetts, Dec. 8: In the adit end east (the 50) the lode has just been found beyond the fault, but as yet isonly cut into a few inches. In the 40 east end the lode has much improved during the past week, and is now worth, according to samples already to band, fully 30, per fathom, the lode being 2 to 2½ ft. wide, and altogether of a most promising appearance. The Pink shaft is timbered and secured on the top, but is not quite cleared through to the Adit as yet, although we are daily expecting this.

EAST HERODSFOOT.—T. H. Bennett, Dec. 8: The ground in Bewe's drivage is somewhat harder, but the men are making satisfactory progress, and I think as we approach the cross-course it will become easier and the lode improve; at present it is maintaining its size, but no further change calling for any remark.

EAST ROMAN GRAVELS.—Arthur Waters, Dec. 3: The 109, south of engine-

EAST HERODSFOOT.—T. H. Bennett, Dec. 3: The ground in Bowe s urivage is somewhat harder, but the men are making satisfactory progress, and I think as we approach the cross-course it will become easier and the lode improve; at present it is maintaining its size, but no further change calling for any remark.

EAST ROMAN GRAVELS.—Arthur Waters, Dec. 3: The 109, south of engine-shaft, is yielding stones of lead ore and blende, but not to value. We are driving this end with rock-drill. The winze below this level near the shaft—being carried 12 ft. long—is worth for that length about 6 tons of lead ore per fathom. The 97 north of winze, towards shaft, is going by the side of the lode. The 36 south of cross-cut, on east part of the lode, is worth 1 ton of lead ore per fathom. The two stopes in this level are worth together 2 tons per fathom. The 50 cross-cut will prove the mine a good way north of the present workings. We have to-day soid 40 tons of lead ore for 337.4, and 20 tons of blende for 53. 10s., making together 4457.10s.

GAWTON.—G. Rowe, G. Rowe, jun., Dec. 3: The lode in the 117 east is improving for copper, intermixed with arsenical mundic, to the value of 205, per fathom. The lode in the 105 east is yielding 10 tons of mundic and ore per fin. The lode in the 35 is principally composed of hard capel, spar, and mundic, mixed with copper ore of good quality. All other points are without change, and our new arsenic works progressing very satisfactorily.

GLASGOW OARADON CONSOLS.—William Taylor, W. J. Taylor, Dec. 6: In the 119, was en pleased to say, we have cut the south lode, or a large part of it, but from the nature of the ground we think there may be still more lode south; this we shall prive to regularly, all not work of a regular part of it, but from the nature of the way of the day only, all on year large part of it, but from the nature of the way of the contract of the ground we think there may be still more lode south; this we shall prive to year of the proper part of the stone of the proper part of

ngure. We are sending the stock off to Swansea as fast as possible. Six samples of the ores sent to Swansea, assayod for copper respectively 6*11, 10*32, 13*61, 8*05, 12*80, and 6*62 per cent.

GLENROY.—R. Rowe, Dec. 7: In the shaft I have now put the men to prove the full width of the lode in the bottom; for some time we have only had a part of the lode in the sinking, the main part being on the footwall side of the shaft—a short cross-cut will prove this. In the 103 the lode is the full width of the level; there is now a leading part in the lode about 2 ft, wide, containing a mixture of blende and a small quantity of lead, but not of value. The 25 stope is not so good, having now only a little blende in it.

GODDARD'S LEAD.—R. H. Vivian, Dec. 8: During the past week the men have been engaged stripping down the horse of ground standing between the two lodes a few lathous west of engine-shaft, so as to carry both veins in driving eastward; by doing this, judging by appearances, we shall have a very much finer lode than we have hitherto seen. I am very much pleased with what I have seen underground to-day. I am convinced there is a good mine in store for us.

have been eggged stipping down the horse of ground shading between the two lotes a fee horses were despendent, as also every block value in the lotter were hard to be the standard of the sta

certained, having been sunk below the 37(which is full of water) upon an eastern branch of the lode, while the 60 is upon the western one.

GREAT POLGOOTH UNITED.—Wm. Richards, Dec. 5: Since writing my last report the operations on this mine are progressing as under:—Deep Adit Level: This level is now extended 130 fms. through the old gunnis of the old mine lode, and the men continue to make favourable progress. There are yet about 20 fms. further to drive to reach Highbarrow shaft, and adjacent to this shaft there is a long adit that was driven by the former workers across the whole of the lodes in the old mine, and is reported to have been driven some considerable distance on the new ground. On reaching this point it will probably enable us to examine the different lodes and lay open a number of places for operations to raise tinstuff for stamping, which of course will be taken back through the new adit which we are now making.—Great Flat Lode south of the Deep Adit Level: We are pushing on the driving of this level on the course of the lode; it is about 5 ft. wide, producing stamping work and speedy progress.—Wheeler's Lode: We have dialled this level and cross-cut north of Wheeler's lode, and find that our new shaft will come down near this cross-cut,—New Shaft: This shaft is being sunk for permanent working 10 ft. long by 6 ft. wide within timber, and has now reached 10 fms. We are pushing on with this work with all possible dispatch with a pare of nine men in order to reach the adit on Wheeler's lode, so as to ventilate this level and to open up facilities for working of the same; and not only 30, as soon as this shaft is holed it will enable us to extend the cross-cut north to intersect the great north elvan course and lodes in that direction at a depth of 45 fms. from surface on virgin ground; this I consider an important point.—North Shaft: We have extended the cross-cut south from this shaft is fine.; 7 fms. of this driving was across the elvan course, but in consequence of the water we hald soon have

good patches of it during the week in a most congenial booking ground, and perance of the lode, I believe we are in the neighbourhood of a good deposit of blende, and shall not be surprised if we meet with a good bunch at any time.

GREAT WEST CHIVERTON.—John Curtis, Dec. 7: In the deep adit west, on the south lode, the lode is 15 in, wide, and letting out a large quantity of water. In the deep adit west, on the north lode, the lode is 4½ ft. wide—a strength of the lode with stones of mundic and blende.

GREAT WEST CHIVERTON.—John Curtis, Dec. 7: In the deep adit west, on the south lode, the lode is 4½ ft. wide—a strength of the lode with stones of mundic and blende.

GREAT WEST CHIVERTON.—A the north lode, the lode is 4½ ft. wide—a strength of the lode with strength of the lode of the l

sinking in bottom of the 20 near Ida shaft continues to look very well, and yield-

sinking in bottom of the 20 near Ida shaft continues to look very well, and yielding good bluestone.

MYNDD GORDDU.—Thomas Kemp, Dec. 7: Bl-monthly Setting Report; The 46 end has been extended west from cross-cut in the past two months 5 fms. 3 ft. 6 in.; total distance from cross-cut in the past two months 5 fms. 3 ft. 6 in.; total distance from cross-cut in the past two months 5 fms. 3 ft. 6 in.; total distance from cross-cut in the past two months of the past of the local carried has proved productive, varying in value pearance, being composed of Fkillias and spar, carrying lead ore worth 201, per fm; from every appearance we are opening out good stoping ground here; this bargain is resect to six men, at 163s, per fm, stent 6 fms., or to end of setting. The 46 end, cast of cross-cut, has been further-driven during the past two months by this drive is of the same compositions of form. The part of the local carried by this drive is of the same compositions of form. The winze sinking under the same composition of winze is composed of itilizand apar, in service of water we are compelled to suspend sinking until such time as the 46 end west is sufficiently advanced to drain same. Six men to stope under the 34 nn and part of lode, at 140s, per fm.; lode worth 152, per fm. Bix men to stope under the 34 nn and part of shart, has been further extended in the past two months 2 fms. 10 in. The 12 end, and 15 fms. 10 in. The 15 cm. 15 fms. 15 fms. 15 fms. 15 in. 15 fms. 15 fms. 15 fms. 15 fms. 15 in. 15 fms. 1

improved in size and appearance; I am rooms at this point at this point at this point at this point.

NEW WEST CARADON.—N. Richards, Dec. 7: In the 35 cross-cut, driving south of Hallett's shaft, we have intersected another kindly looking branch about 5 in. wide, composed principally of quartz and yellow copper ore. We shall not siay, however, to open on this for the present, but push on the cross-cut to reach the lode referred to last week. There is no other change to notice. All points maintain the same value and promising appearance as stated in my last.

shall not stay, however, to open on this for the present, but push on the crosscut to reach the lode referred to last week. There is no other change to notice. All points maintain the same value and promissing appearance as stated in my last.

NEW WEST GOGINAN.—Absalom Francis, Dec. 3: Since my report which appeared on Dec. 3 we have been putting in some strong planks and strengthening Poulter's shaft from the lobby or adit to surface, and have made all firm and secure. Our sinking has proceeded steadily without any let or hindrance, all the machinery working splendidly. We are daily expecting to get on the solid rock so as to fix a strong and substantial frame on it. What we are now passing through is the back, or what is termed in Cornwall the "spec" of the lode, being upheaved from it. which is often the case with large lodes. This "spec" is a decomposed yellow rock, in which we yesterday found a splendid stone of silver-lead ore, gossan, quartz, and carbonate of lime. A finer lode-stone I never saw, and there does not exist a doubt in my mind that we are now on the very track of the Goginan main lode, and that we shall soon open out avery rich and lasting mine, and that the shareholders will be very richly rewarded for their money invested in it.

NORTHERN hEAD.—T. Tonkin, Dec. 3: The tribute stopes in the adit level yield 9 cwts. of ore per fathom in moderately easy ground. The 15 tribute ground, east section, yields 9 cwts., and the west section stopes 10 cwts. to the fathom. The stopes above the 42, west section, yield 18 cwts. of ore to the fathom, and the east section of the shaft; the water is now out of the mine, and the shafts and levels are being rapidly repaired. We shall shortly be in a position to open on the lode in two or three places.

NORTH D'ERSBY.—R. H. Vivian, Dec. 8: We are driving on the hanging side of the lode from the cross-cut, which has been driven from the bottom of the shaft; if anything, it has improved in value since last week. We are daily opening out on a very fine lode, whic

NORTH GREEN HURTH,—Jas. Togase, Dec. 1: We have intersected another spar branch in the deep adit cross-cut, the ground being much the same. The shallow cross-cut is rather harder, consequently our progress is not quite so rapid.

NORTH HERODSFOOT.—T. Trelease, Dec. 8: Our shaftmen are now engaged clearing the 117, which is crushed very badly at the point we have now reached, in consequence of which our progress is rather slow, but I hope we shall find it in better condition again soon as we get further north. The lode in the 80 et al is still small, but the strata around it are more freely intermixed with spathose iron and mundic, which I think are evidences of our getting into a more productive channel of ground. The back stope in this level is yielding 5 cwts. of ore per fm., and the bottom 8 cwts. The lode in the 50 end has improved in appearance and character, being composed of a friable quartz, spathose iron, and mundic, intermixed with good stones of lead ores. There is no other change worthy of notice during the past week.

NORTH WALES FREEHOLD COPPER MINES AND SMELTHING.—H. B. Vercee, D. Douglas, Dec. 7: The engine-shaft men are now engaged sinking the shaft below the 30. There is no material alteration in the ground, but as we get deeper additional feeders of water are being tapped, and which I hope will so drain the lode in the 30 as to expedite the drivage both north and south. In the 103, driving north of engine-shaft, the part of the lode being taken in the level is about 5 ft. wide, composed of quartz and capel, spotted throughout with copper; an improvement in this end is imminent as we near the perpendicular of No. 2 sump. In the 30, south of engine-shaft, the lode is of just the same character and composition as in the 30 north. In No. 2 sump, sinking below the 20, the lode is about 5 ft. wide, with a mixture of copper throughout, but not so rich as it has been. This change we only look on as temporary, as there has been all the way through occasionally poorer floors, and then an improvement, a

causing an increase of water. We have account to the shaft, with a view to haul as well as pump. We expect to start the stamps next week.

PANDORA.—H. Nottingham, Dec. 8: Engine-Shaft: We are making fair progress at present in sinking below the 45; the lode has a strong appearance, and bearing a good deal of limespar, intermixed with blende, but showing no lead to value. I think the best part of the lode has gone down with the footwall: we shall soon prove this when deep enough for another level by a cross-cut through the lode. The 45 end, driving south, has rather improved; we are still driving in a wide, strong lode, producing 1½ ton of lead to a fathom, with a good deal of blende. Two stopes working in back of this level are worth together 2½ tons of lead and same of blende to a fathom. The two stopes working over the 33, south of shaft, are worth 1½ ton of lead and 2 tons of blende to a fathom.—Surface: We are making good progress on the dressing-floors, considering the very stormy weather we have had. Our reservoirs are all full, and running over. I sent out samples for 22 tons of lead and 40 tons of blende on the 5th inst.

PARYS.—T. Mitchell, Dec. 3: The 90, west of cross-cut on the No. 2 lode, continues to look well, and will yield 6 tons of copper ore per fathom. The last 3 fms. driven turned out nearly 13 tons of good ore. The ground looks very promising, and we hope to open up some good ore ground here. In driving north west from this place the ground also looks kindly, and is producing a little ore. The No. 1 west of cross-cut continues about the same value as given in my last report—1 ton of copper ore and 1 ton of sulphur per fathom. The 90 east of cross-cutrse, cn the Carregy-9-doil lode, has further improved this week, and will yield at present about 2 tons of copper ore ger fathom; the sleep of cross-cutrse, cn the Carregy-9-doil lode, has further improved this week, and will yield at present about 2 tons of copper ore ger fathom; the sleep of cross-cutrse, cn the Carregy-9-doil lode, has furth

of rod and 45 balance late he our for lode in posed or

north in the we are raising SILV

DEC. 10, 1881.]

THE MINING JOURNAL

STREET, Company of the property of the pr

fair nce, no

alsing.

SILVER HILL.—George Rickard, Dec. 8: The ground in the tunnel level pross-cut is much the same as when I advised you yesterday, full of mineral ricks, and in the heads is found good faces of yellow copper ore. Water is still lowing in large quantities and as powerfully as ever from the fore-breat, which dications cannot but be regarded as strong signs that we are nearing No. 4 ode, to the cutting of which I look forward to with the greatest interest, as where laid open in very shallow workings it has the appearance of proving a very ich lode in depth for copper and arsenical mundic ore, with a good precentage of silver.

TREBARTHA.—Wm. Skewis, J. Gifford: We are pleased to inform you that good progress is being made in driving the adit level west, and at which we are breaking fine rocks of tin and arsenical mundic of rich quality; by the end of another fortnight we expect to reach the point where the lode was cut rich in the shallow adit at that place. We shall rise to communicate with it and lay open a fine piece of tin ground.

TREVINGE CONSOLS.—John Mayne, Dec. 8: The new middle lode continues to improve, and my opinion is being strengthened daily of its smportance, which I think will be one of the best discoveries in the mine. Wheal Moor lode is without alteration. It is pleasing to see the copper market advancing, which has already added considerably to the value of the mine.

VAN CONSOLS AND GLYN.—James Roach, Dec. 7: Since I finished my last report on Nov. 23 I am pleased to say the mines have very much improved. We have constantly driven the levels and sunk winzes, &c., in anticipation of meeting with courses of ore that would recoup the shareholders for their outlay and the patience exercised. In doing this we have timbered all levels in a permanent manner, and laid tramroads therein for the transit of ore to the shafts, &c., in the full expectation of coming upon this lead in large quantities. In carrying out this work I have received every encouragment and assistance from the directors and shareholders, and I believe all engaged in the undertaking have

done their utmost to secure permanent success for the company that has for so long found them employment. Last Saturday evening Mr. Pryce Jones (our Chairman) and Mr. Thomas Jones, one of his colleagues, spent about five hours underground with me, when they wannined every point under operation, and suppressed themselves highly satisfied with the appearances of the mines throughout, not only with the permanency of the work accomplished but with the discoveries of lead recently made, which I will now describe. Last Thursday evening we struck lead in the 70, west of Murray's; this is now increased to 3 ft. wide, and still expanding south—will estimate value in next report. The width and further produce we have yet to ascertain, but it wears every appearance of permanency; the width of the lode is from 50 to 50 ft., which must be tested by consecut shortly. The 60 is being driven on north wall of iode, which contained small quantities of lead; here also the lode is standing south, the value of which two shall soon prove by cross-cut; indications are in favour of its being found productive. In consequence of the lead dipping south so fast in the 50 we have forebreast. In the 50, and directly under No. I stope above it, we are driving a cross-cut south; although it is now 9 fms. from the footwall we are daily intersecting strings and stones of lead; no sign of being near the hanging wall yet. No. I stope is about 43 ft. wide, and contains irregular solid branches, strings, and pockets of lead throughout; equal to a top produce fathom—that is, 7 toos is for whole width of stope. This continues above the 40, but how much higher remains to be discovered; present appearances will allow me to say that it is capable of producing hundreds of tons of lead—I do not doubtit. At the southern extremity of this stope a solid branch of lead nearly a foot wide dips south fast, and apparently beyond the cross-cut now driving underneath, where we expect to interese the solid lead; this will afford usa much longer piece of ground to w

and yellow copper ore per fathom. It this continues for six months and holds good in the back and bottom of the level, as we expect from present appearance, it will place us in a good position. The mine is looking well at all the points of operation.

WEST CREBOR.—J. Andrews, Dec. 7: All the main rods, rod-stays, and shaft rolls are in their places, and plunger-lift is fixed at the 30, and will be completed in two days time, when everything in the shaft will be ready for the engine to go to work; but we shall not be ready at surface for four or fixe days, as the carpenters and blacksmiths are behind with their work, which is accounted for owing to them having to attend to one or two other mines.

WEST DEVON GREAT CONSOLS.—G. Rowe, Dec. 7: If the weather is fine throughout the week we calculate to get the walls of the engine-house ready to take the roof, and some of the beavy parts of the engine fixed in their place. The late inclement weather has been unfavourable for our surface work, buildings, &c.; nevertheless, our progress is very satisfactors, and we shall get in main shaft-bob, hoisting poppet-head, and shears with all possible speed.

WEST GODOLPHIN.—T. Hodge, F. Hodge, Dec. 7: We see no perceptible change in the bargain since our last. The lode in the 50 west end still holds good, worth fully 202, per fathom. We have started the 60 west end; the lode in which is in a disordered state, but we feel confident when this end gets up under the 50 that the same favourable result will be met with. The weather is very much against surface work.

WEST HOLWAY.—R. Rowlands, Dec. 2: New Shaft: The lode in the bottom is of great strength; worth 30 cwts. to the fathom. In 110 west the lode is composed of fine congenial spar, with a good leader of lead on the hanging-wall, which is improving as we advance. The 95 west carries a lode 4 ft. wide, of a splendid character, and turning out good stuff for the floors. No. 1 riso, fin in the 80 west, is worth 1 ton of lead to the fathom. In No. 3 the lode is very strong, bein

of the foats agent to show and seems of the seems of the control o

when the construction of t

with All GEORGE.—C. Kneebone, Dec. 8: The workings in the 5 below adit wHEAL GEORGE.—C. Kneebone, Dec. 8: The workings in the 5 below adit are suspended for the present in order to force on the surface operations with all possible dispatch. The adit level north of cross-cut in graphite is let to six men for 10 f.ns., at 34. 15s. per fathom, takers to remove their stuff and pay costs. The lode produces the usual amount of mineral, and all the footwait

yields occasional stones of lead ore. We have three men repairing the roads, &c., and three engaged trenching preparatory to making embankment for reservoir, and we shall commence in a few days to lay tranway from adit to

enill site.
YEOLAND CONSOLS.—Joel Manley, Dec. 7: We have cut into the lode about 24 ft., but have not yet reached the north wall; the lode, so far as seen, presents a most masterly appearance. The forebreast is again productive for it ir; samples of the lede have been sent to the London office. I do not hesitate in saying, considering the immense width and strength of the lode, and its most promising appearance, that if energetically developed this lode of itself will open up a lasting and remunerative mine.

TO THE METAL TRADE.

FOR COPPER, TIN, LEAD, &c., apply to-MESSRS. PELLY, BOYLE, AND CO., SWORN METAL BROKERS,

ALLHALLOWS CHAMBERS, LOMBARD STREET, LONDON. (ESTABLISHED 1849.)

JOHN EAST, NEWCASTLE-ON-TYNE.

BROKER FOR THE SALE OF PIG-LEAD, LEAD ORES, COPPER ORE, COBALT, MANGANESE, CARBONATE OF ESTABLISHED 1866

HENRY NUTT AND CO.,

No. 57, BRISTOL ROAD, BIRMINGHAM PURCHASERS OF

LEAD ASHES, LEAD SLAGS, SULPHATE OF LEAD, TIN ASHES, TERNE ASHES, AND ALL REFUSE CON-TAINING TIN AND LEAD.

WIGGIN AND CO. HENRY

(LATE VANS AND ASKIN), NICKEL AND COBALT REFINERS, BIRMINGHAM.

ORFORD NICKEL AND COPPER COMPANY, SMELTERS AND REFINERS OF COPPER.

THOS. J. POPE AND BROTHER, AGENTS, 292, PEARL STREET, NEW YORK.

Copper Ore, Mattes, or Bu..ion purchased. Advances made on consignments for efining and sale. SMELTING and REFINING WORKS at BERGEN POINT, near NEW YORK.

OFFICES,-292, PEARL STREET, NEW YORK.

The Mining Market: Prices of Metals, Ores, &c

	META	L MARKET-LONDON, DEC. 9, 1881.
IRON. £ s.d. £	s. d.	TIN. £ s. d. £ s. d
Pig, 3MB, f.o.b., Clyde 2 13 414-		English, ingot, f.o.b112 0 0-114 3 0
, Scotch, all No. 1 2 14 0-	-	" bars "113 0 0-115 0 0
Bars, Welsh, f.o.b. Wales 5 15 0-	-	refined114 0 0-116 0 0
in London . 6 5 0-	-	Australian108 10 0
, Stafford., , 7 10 0-7	15 0	Bancanom
in Tyne or Tees 6 0 0- 6	2 6	Straits108 10 0
,, Swedish, London10 10 0-	-	COPPER.
Rails Welsh, at works 5 17 6- 6	0 0	Tough cake and ingot. 72 0 0- 74 0 0
Sheets, Staff., in London 8 10 0-	-	Best selected 74 0 0- 77 0 0
Plates, ship, in London . 7 15 0-		Sheets and sheathing. 82 0 0-83 0 0
Hoops, Staff., 7 10 0- 8	0.0	Flat Bottoms 85 0 0- 86 0 0
Nail rods, Staff., in Lon. 7 5 0-7	15 0	Wallaroonom, 73 0 0- 75 0 0
STEEL.		Burra, or P.C.C 72 0 0- 74 0 0
English, spring 12 0 0-18	0 0	Other brands 73 0 0
, east30 0 0-45	0 0	
Swedish, keg	_	Chili bars, g.o.b 68 15 0- 69 0 0
, fag. ham15 10 0-	-	PHOSPHOR BRONZE.
LEAD.		Alloys I., II., III., and IV £125 0 0
English, pig, common15 5 0-	-	VI. and VII 140 0 0
. L.B15 12 6-	-	XI., Spl. bearing metal 117 0 0
W.B15 15 0-15	17 6	
shoot and ban 15 15 A.		BRASS.
mine 10 E 0	-	Wire 8d
17 0 0	-	Tubes 101/2
		Sheets 10¼- —
matant abot 17 17 C		Yel, met, sheath. & sheets 71/8d71/2
Spanish	****	TIN-PLATES.* per box.
NICKEL.	_	Charcoal, 1st quality 1 2 0-1 4 0
Metal, per cwt	00	2nd quality 0 19 0- 1 0 0
Ore, 10 per cent. per ton.20 0 0-25		Coke, 1st quality 0 18 0- 0 19 0
QUICKSILVER.	0 0	,, 2nd quality 0 17 6- 0 18 6
	-	Black per ton 15 19 0-
Flasks, 75 lbs., war 6 5 0- SPELTER.		Canada Staff on Cla)
Bilesian17 15 0-18	0.0	
	0 0	at Liverpool
English, Swansea19 0 0-	-	Black Taggers, 450 of 2 30 0 0-
Sheet zinc22 0 0-	_	14 × 10

* At the works, is. to is. 5d. per box less for ordinary; 10s. per ton less for Canada; IX Ss. per box more than IC quoted above, and add 6s. for each X. Terne-plates 2s. per box below the plates of similar brands.

Canada; IX 6s. per box more than IC quoted above, and add 6s. for each X. Terne-plates 2s. per box below tin-plates of similar brands.

Remarks.—Our markets have continued very strong, and a large business has to be recorded especially in the leading metals, where numerous transactions have been of daily occurrence. The little check which was made a short time back in the upward progress of the markets appears to have been of quite a temporary character, and prices have now again taken an upward turn, and business has been done at constantly increasing prices. The tone of the markets is undoubtedly very good, and as prices advance it does not in any way appear to lose its strength, but rather seems to improve, and the higher prices now ruling, instead of checking business in any way, as might not unnaturally have been expected, helps rather to stimulate it, in so far that buyers seeing prices continually rising are more eager to at once secure their requirements before any further advance be effected. This is particularly noticeable in those cases where prices are supported either by better statistics or apparently light stocks; and the course of the markets this week would certainly indicate that the time cannot be far distant when still higher rates will be obtained. It is satisfactory to note that the movements of our markets are not confined to any onespecial metal; they are, with but a very limited number of exceptions, general, so that cheefful reports all round exist with regard to the present state of the trade. Manufacturers are all said to be busy, and are realizing increased prices, while producers of the raw material are enjoying a similar amount of briskness, and good profits must, in many cases, be obtained. With such glowing accounts of the state of the trade as these, it is no matter of surprise that speculators should be induced to effect purchases somewhat extensively, and they are goaded on, and still further encouraged to augment their contracts by the several profits which of late have been for the future. It is not only speculative business that is so active in our markets, but there is a large bona fide trade also doing, and the former is in reality only the result of the latter, for it is chiefly the large deliveries of the sundry metals which have proved so great a temptation and inducement to operators to continue to make purchases at the present time.

temptation and inducement to operators to continue to make purchases at the present time.

Coppen.—A considerable business has been doing in this metal, and prices have continued to advance. Transactions for speculative account have been very large, chiefly owing to the improved statistics published on the 1st inst., and to which we referred in our last issue. This market is now in a decidedly more satisfactory condition than what it has been for some few years, for there is a much less visible stock now than for a long time past, and it is a well-known fact that that which

has depressed the market for so long previously has been the enormously public stock which has existed for so lengthened a period. It is, there-proved that the provider of the provider of the public stock which has existed for so lengthened a period. The is, there-proved the provider of the provider o

descriptions of iron. Ship plates are quoted at or. 18. od. to tr., and bars and angles are being quoted at 6l. 5s. Boiler plates are ruling at 7l. 17s. 6d. per ton.

Tin.—An active business has continued to be done in foreign, and dearer prices have been realized. The turnover keeps large, and as prices advance from day to day almost without check, it is evident that constant profits must be obtained. The enhanced prices ruling do not seemingly, to any extent, check business, nor has the little increase which was made in the visible stock last month in any way damped the tone, but operators enter into contracts, confident that good returns will be the result of their purchases. Business, therefore, is of an extensive character, and the numerous purchases now being made would indicate that the prevailing opinion is that prices will further advance, and although a slight increase has been made in the visible stock, yet there is nothing in the published statistics which would indicate any falling off in the speculative demand. The visible stock on the 30th ult was 11,425 tons against 11,089 tons on the 31st October last, and 12,986 tons on the 30th November, 1880. The diveries in London and Holland last month were 2152 tons against 2453 tons in the previous month, and 2120 tons in November, 1880. The shipments from Straits last month were 525 tons, and from Australia 1025 tons. The quantity of Banca in Trading Company's hands and afloat is 2434 tons. hands and afloat is 2434 tons.

Lead.—There is only a very limited demand both for legitimate and speculative account, while prices generally manifest symptoms of

-The market has been firm, and there has been a good de-

SPELTER.—The market has been firm, and there has been a good demand for foreign for next year's delivery. Prices have gone up a little, and we quote ordinaries at 17t. 15s. to 18t.

TIN-PLATES.—Only a moderate business continues to be done; nevertheless prices keep strong, and at times display an upward tendency.

QUICKSILVER.—Speculators show more confidence, and the export demand is very good, absorbing whatever parcels were on offer from second-hands. The market closes firmly at 6t. 5s., at which the importers of Spanish have sold fair quantities.

At Swansea Ticketing, on Tuesday, 960 tons of ore of 15\frac{1}{6} average produce, and containing 145 tons 6\frac{1}{2} cwts. of fine copper, were sold for 9162l. 19s. 6d., being 9l. 17s. 1d. per ton of ore, 13s. 0\frac{1}{2}d. per unit, or 651.2s. 4d. per ton of fine copper in the ore, and an average standard of 871.9s. 6d. for 9 per cent. produce. Subjoined are the particulars of the two last sales :-

Tons. Standard. Produce. Per ton. Per unit. Ore copper. 1052 ... £53 8 4 754 ... £4 7 4 11s. 5½d... £57 8 0 950 ... 67 9 0 ... 15½ ... 9 17 1 ... 13 0½d... 65 2 4

Compared with the last sale, the advance has been in the standard £4 1s., and in the price per ton of ore about 12s. 3d. The Garonne ore gave 7\frac{2}{8} average produce, and realised 12s. 9\frac{1}{2}d. per unit; Caveira, produce 5 11-16, per unit 11s. 4\frac{1}{2}d.; Berehaven, produce 9\frac{2}{5}, per unit 13s. 1\frac{2}{3}d.; Virneberg, produce 9\frac{2}{5}, per unit 12s. 7d.; and Tan-y-Bwlch, produce 4 5-16, per unit 11s. 4d. There will be no sale on Dec. 20.

The steady advance in tin and copper has caused quite a reaction in the MINING SHARE MARKET, and it has shown during the week a great improvement, not only in the amount of business transacted, but in prices, which in some cases have advanced considerably, and

a great improvement, not only in the amount of business transacted, but in prices, which in some cases have advanced considerably, and are still on the rise. The shares mostly dealt in have been Cook's Kitchen, East Blue Hills, Prince of Wales, Parys Copper, Wheal Crebor, West Crebor, Bedford United, Gunnislake (Clitters), Devon Friendship, Bratsberg, West Peevor, West Kitty, Wheal Basset, South Frances, East Lovells, and others.

Tin has been firmer at an advance; and although no change has taken place in the standards for ore since Nov. 16, the smelters are giving 1l. per owt. beyond the standard; we may, therefore look for an early rise. Blue Hills, 2 to 2\frac{1}{2}. East Blue Hills have been largely dealt in, and leave off 13s. to 15s.; the lode in the 40 level is worth 40l. per fathom; a special report will be found in another column. Carn Brea, 26 to 27; Dolcoath, 90 to 92\frac{1}{2}; East Lovell, 3\frac{1}{4}\$ to 3\frac{3}{4}\$; East Pool, 44\frac{1}{4}\$ to 45\frac{1}{4}\$; Killifreth, 1\frac{1}{8}\$ to 1\frac{1}{2}\$.

New Kitty, 1\frac{1}{4}\$ to 2; Phoenix, 3 to 3\frac{1}{4}\$; Polrose, 10 to 15; South Condurrow, 11\frac{1}{4}\$ to 12\frac{1}{2}\$; West Basset, 14\frac{1}{4}\$ to 15\frac{1}{2}\$. West Frances, 16 to 17; Tincroft, 18\frac{1}{4}\$ to 19\frac{1}{2}\$; West Basset, 14\frac{1}{4}\$ to 15\frac{1}{2}\$. At the meeting the accounts showed a balance against the mine of 2865l., and a call of 10s. per share (1500l.) was made. The tin sold realised 876l. 14s. The report shows that a good mine is being laid open, and it was agreed to contribute 25l. a month to Wheal Peevor, on account of water charges, until a point equal to the 60 fm. lovel in Wheal Peevor was reached. New Peevor; at the meeting here there was a balance shown in favour of the mine of 350l. Wheal Agar, 14 to 15; Wheal Basset, 6 to 6\frac{1}{4}\$; Wheal Grenville, 11\frac{1}{4}\$ to 13; Wheal Uny, 3\frac{3}{4}\$ to 4. Cook's Kithe ens have been in demand, and leave off 29, 30; at the meeting on Thursday the accounts showed a profit on four months' Cook's Kithe ens have been in demand, and leave off 29, 30; at the meeting on Thursday the accounts showed a profit on four months' working of 685*l*., and a debit balance of 2708*l*. The tin sold (81 tons) realised 5052*l*.; the mine is improving. New Trumpet, 1 to 1½; Goodevere, 1½ to 1½; Wheal Sisters, 2 to 2½; Mount Carbis, 2½ to 3. Since the above was written we understand that the tin standards have advanced in Cornwall 4*l*.

I to 1½; Goodevere, 1½ to 1½; Wheal Sisters, 2 to 2½; Mount Carbis, 2½ to 3. Since the above was written we understand that the tin standards have advanced in Cornwall 4¼.

COPPER has been steadily advancing, and a good business has been done in several copper mines, more particularly, however, in low-priced shares. Bedford United in demand, and advanced to 1½, 2 Carnarvon Copper. ½ to ½; Devon Great Consols, 7 to 8; South Devon United, 1½ to 1½; Gunnislake (Clitters), 3½ to 4; Hingston Down, 1½ to 1½; Mellanear, 4½ to 5; Marke Valley, 1½ to 1½. Mona, 9 to 10; the estimated amount of copper ore to be raised this month is 400 tons. Mona Consols, 1½ to 1½; New Cook's Kitchen, 5 to 5½; New West Caradon, 9s. to 11s. Prince of Wales have been in fair request, owing to an improvement in the bottom level, and leave off 15s. to 17s. 6d. South Caradons have been weak, at 30 to 35. West Caradon, 15s. to 20s.; West Crebor, 7s. to 9s.; West Stoon, 14 to 15; West Tolgus, 28 to 29.

Wheal Crebor shares have been in demand, and advanced to 3½, 4½; the lode in the shaft sinking towards another level is looking exceedingly promising. At Old Gunnislake a call of 2s. per share was made. The accounts showed a balance against the mine of 2054. Parys Copper, 17s. to 19s.; at the meeting (particulars of which will be published next week) the directors' report was unanimously adopted, and much satisfaction expressed at the improved prospects of the company. Devon Friendship, ½ to 1; the adit end is still worth 6 tons of arsenical mundic per fathom. The winze has been cleared below the adit 16 fathoms, and they hope soon to rise and communicate with the 30. At Sortridge Consols the great north tin lode, so far as sampled, is worth 10½, per fathom, and the agent states there is a great future in the further development of the lode.

Lead is expected to rise, but at present there is not much increase in the business transacted in mine shares, and quotations are still merely nominal. Vans, 8 to 9; the 15 east, as well as the Van Hill lode

clair Lead, Πto ν; Kirk Michael, 1 to 1½; Frongoch, 3 to ¼; the mine has sampled 100 tons of blende, and further parcels of 100 tons of of lead and 150 tons of blende are in preparation for the market; the total sales this year have been 2600 tons of ore. Langford, ½ to 1; Caron, 1 to 2; Crosswood, ¾ to 1½; Grogwinion, 2 to 3; Goginan, 1½ to 1½; Red Rock, 1 to 2; New Wye Valley, ¾ to 1½. Ystwith, ½ to 1.

Foreign Mines.—Bratsberg, 1½ to 2; Brazilian Gold, 1 to 1½; Broadway Gold, 5¾ to 6; Canadian Copper and Sulphur, 1½ to 1½; Chile Gold, ½ to ½; Colar, ½ to ½; Cotacovil, ¾ to ½; Devala Central, ½ to ¾; Devala Moyar, 1½ to 1½; Cotacovil, ¾ to ½; Devala Central, ½ to ½; Devala Moyar, 1½ to 1½; Devala Provident, 1-16th to 3-16ths; Hoover Hill, ¾ to ½; Indian Glenrock, 1½ to 1½; Indian Phenix, 15-16ths to 1; Indian Trevelyan, ¾ to 1; Indian Consolidated, ¾ to 1; Mysore, 1½ to 1½; South East Wynaad, 1½ to 1½; South East Wynaad, 1½ to 1½; South Indian, 1¾ to 1½; Tambracherry, ½ to 1½; Tocopilla Copper, 1 to 1½; Wynaad Perseverance, ¾ to 1; Gold Hill, 1 to 1½;; Cape Copper, 48 to 50; Colorado, 2½ to 2½; Copiapo, 3 to 3½; Eberhardt and Aurora, 10s. to 15s.; Frontino, 3 to 3¾; New Quedrada, 4¾ to 5½; Panulcillo, 6½ to 6¾; Richmond, 16 to 16½; Ruby, 3½ to 3½; Colombian, 9s. to 11s.; La Plata, 2 to 2½, ex div.; New Zealand Kapanga, ½ to ½; Yuba River, par to ½ pre; Birdseye Creek, 1¼ to 1½; Michipicoten, 1½ to 1½; Placerville, 1 to 1½. English-Australian, 15s. to 20s.; the costs for the four weeks to Oct. 24, including expenses in tract of Western Reef, was 476£. 8s.9d. The gold sold realised 406£. 11s. 6d.; remittances, 500£.; colonial balance, 1050ℓ. 0s. 8d.

The Market for Mine Shares on the Stock Exchange has been exprowed in graphy of the gold sold realised 406ℓ. 11s. 6d.; remittances, 500ℓ.; colonial balance, is graphy of the gold sold realised 406ℓ. 11s. 6d.; remittances, 500ℓ.; colonial balance, is graphy of the gold sold realised 406ℓ. 11s. 6d.; remittances, 500ℓ.; colonial balance, is graphy of graphy of graph

The Market for Mine Shares on the Stock Exchange has been somewhat irregular during the week, but a considerable number of transactions have taken place, and prices generally are slightly higher than last week; dealings, however, have been chiefly connigner than last week; dealings, however, have been chiefly confined to foreign mines, the most numerous having again been in La Plata, which close 1½ to 2½. The London registrar received a telegram to-day stating that the net earnings for November were \$16,263½, or 33,884 4s. 3d. The president of the company has forwarded to London an encouraging report which has been made upon the property by Mr. Rickard; it has been sent to the shareholders this evening, and will be found in another column. A period of this evening, and will be found in another column. A period of considerable activity in home mines is confidently looked forward to, as a very small further advance in the price of ores will place many

as a very small further advance in the price of ores will place many concerns now barely meeting costs in a strong financial position.

Attention was called in last week's Mining Journal to the steady fulfilment of the constant predictions of an old correspondent as to the rise in metals, and to his present opinion as to the probability of a still further considerable advance within the next few weeks. During the past few days there has been this further rise to the extended the considerable advance within the next few weeks. tent of about 3l. in copper and 4l. in tin, and he now writes that, from all the information he can gather, he would not be surprised to see a further rise of 15l. to 20l. per ton in tin and 20l. in copper and probably of from 3l. to 4l. per ton in lead during the next few

months of that tin and busines to be h tory in doubte able, as

DE

to pres mundic this mo Drak with th extent away held or Sout the me better and it Londo Who 611. 17 night the sa Dec. 2 points

Kit little e are prever, e fairly total l Dev of Wi saving Mo ters p Bed Bridg Mark 160 fm here a

be seen from us to 124 m Octob made Ric Eurel of ore value that limest the 30 east de 16 ft. i been r

some 30 ft. Ru of the bullio and i in the below points ing the captain in the now pushe level

that lowin John H. B lode, is be maki Isa with Yustate since

burg

figur grave that The g 70 yar wide, yards about of val cubic is allo pear t He A.R. his r

tract air-c chine cylin diam months. He further remarks that the fact should not be lost sight of that copper was once selling at double the present price, and that tin and lead were also proportionately higher, and that, too, at a time when the trade of this country and of those with which we do business was not nearly so prosperous as at present. It is cordially to be hoped that the opinion is not over-sanguine, as more satisfactory information for shareholders in copper, tin, and lead mines could carteely be wished for. In support of these views there is the undoubted fact that the home consumption now going on is considerable, and the demand for exportation very large.

Devon Great Consols shares are gradually advancing, and are now quoted at about 8½ to ½, owing to the important rise in the price of copper going on, as well as to the improved prospects of the mines in driving east and west on the new south lode, where, according to present indications, some good discoveries of copper ores and mundic (arsenic) are confidently expected. The sale of copper ore this month will be about 950 tons.

Drake Walls United, \$\frac{3}{4}\$ to 1; satisfactory progress is being made months. He further remarks that the fact should not be lost sight

Drake Walls United, \$\frac{3}{2}\$ to 1; satisfactory progress is being made with the driving of the deep adit level to Mathews' shaft, and a large extent of good tribute ground is being laid open, which will be taken away at considerable profit to the company. An extraordinary general meeting to confirm a special resolution passed at a meeting held on Nov. 24 took place on Friday, when the special resolution was duly confirmed.

was they confirmed.
South Caradon shares have had a serious fall, being now quoted 35 to 45, owing, it is said, to the last report of the agent made to the meeting of shareholders, but it is hoped and believed that with better prices for ores and some good discoveries this wonderful old mine will again see better days.

Phoenix United shares are quoted 23 to 3, sellers preponderating; and it is stated that with the exception of a few shares having changed hands at about 23 there is very little doing either in Landon or Cornish share markets.

Changed hands at about 2½ to 3 there is very little doing either in London or Cornish share markets.

Wheal Jane, 1½ to 1½; have sold about 7½ tons of black tin, at 612. 17s. 6d. per ton, realising 4592, 2s. 7d., the production of a fortnight only. One of the calciners was idle over one week, otherwise the sale would have been more. The meeting will be held on Dec. 20, for which a full report will be presented by the newly appointed manager.

Dec. 20, for which a full report will be presented by the newly appointed manager.

Kit Hill Great Consols, & to \(\frac{1}{2} \); the recent gales have caused some little delay. The agent (Dec. 8) reports that at that the north engine-shaft the repairs to skip-road and other underground repairs are progressing satisfactorily. The very unfavourable weather, however, experienced during the past few days has materially interfered with the surface operations. At the tunnel level they are getting on fairly well, having driven during the past month 6 fms., making the total length 32 fms. 2 ft. 9 in.

Deven Great United, 1 to 1\(\frac{1}{2}\); the Capel Tor lode, in the 60, west of Willesford's, is reported to be 3 ft. wide, and produces 1 ton of copper ore and 3 tons of mundic per fathom. The 50, west of Watson's, on the same lode, is of a promising character, and producing saving work for copper and mundic ores. The prospects are considered to be highly encouraging.

saving work to topper and manufactors. The prospects are considered to be highly encouraging.

Mona, 8 to 9; there is no change reported from the mine, all matters progressing in a satisfactory manner. It is estimated that the raisings of copper ore for the month will amount to 400 tons.

Bedferd United, 1\frac{1}{4} to 2; the stuff coming from the 20 east, on the Bridge lode, contains, it is said, some beautiful ore, and a great improvement in that direction is imminent.

Findge lode, contains, it is said, some beautiful ore, and a great improvement in that direction is imminent.

Marke Vallay, 1½ to 1½; it is reported that the lode has been cut into in the 180 fm, level cross-cut 3½ ft. There is said to be every indication of finding here a large productive lode. Much water is being let down from this inter-bection; hence the progress is slow, but appearences are reported to be highly

Marke Valley, 1½ to 1½; it is reported that the lode has been cut into in the 150 fm. level cross-cut 3½ ft. There is said to be every indication of finding here a large productive lode. Much water is being let down from this intersection; hence the progress is slow, but appearences are reported to be highly satisfactory.

West Godolphin, 2½ to 2¾; the 50 west is reported still in a good course of tim, with every prospect of its continuance. The 60 fm. level has been set to dive to cave undernoath this run of tin ground. It is calculated from 9 to 12 fms, will reach this important point. All other parts of the mine are reported to be opening up prefitable stoping ground.

Mona Consols, 1½ to 1½; it is reported that great progress has been made at this mine during the last few weeks. Large bunches of copper ore are now to be seen at the 10 fm. level, with every prospect for a continuance, the district being very rich in minerals.

The Asia Minor Company have received a highly satisfactory report from their manager, dated Nov. 5, but pressure on our space compels us to defer its publication until next week. On Oct. 31 there were 124 men employed, against 63 on Sept. 30. The production during October was more than double that of the proceeding month, and the October ores will at least cover all expenses (including buildings, &c.) incurred during the month. Several important discoveries have been made and there is everything to indicate that when developed the property will yield large profits to the shareholders.

Richmond, 16 to 16½; the usual telegram from the mines at Eureka, Nevada, states that the week's run was \$40,000 from 757 tons of ore. During the week the refinery produced doré bars to the value of \$40,000. The assistant superintendent (Nov. 16) reports that the north drift, 300 level, has been run 19 ft. along fissure in limestone; ground looks favourable for ore. The south rise from the bottom of the 30-ft. wince, below the 600 level, has been run 13 ft. in low-grade ore. The east drift from the botto

level, is to be at once worked on. The shipments from the Williamsburg were 14 tons of good ore.

Colorado United, 2\frac{1}{2} to 2\frac{1}{2}; the New York Mining Record states that United States Government patents have been issued for the following mines, the property of this company:—Elephant lode, Johnson lode, Champion lode, Columbus lode, Investigator lode, W. H. Brown lode, Argentine lode, Chelsea Beach lode, and Thunderbolt lode. The Leadville Mining Index of Nov. 5 says—"A double track is being laid in the Union Tunnel, near Brownville, and the mine is making other preparations for increasing its output."

Isabelle, \(\frac{1}{2} \tau \frac{1}{2}; \text{ it is reported that operations are being carried on with vigour, and that shipments of bullion will, probably, commence early in January.

Yuba River, par to \(\frac{1}{2} \text{ prem.}; \text{ in confirmation of the favourable statement which he made at the statutory meeting some six weeks since, Mr. Edward Davies, of Dolcaradog, this week furnishes the

een

of

or-

any

till

since, Mr. Edward Davies, of Dolcaradog, this week furnishes the figures upon which he based his opinion. He valued the auriferous argures upon which he based his opinion. He valued the auriferous gravel on the company's property at 20,000,000L, and now declares that this was no random guess, but was based upon measurement and figures. The gravel is in some places, he says, 400 ft. thick, but to be safe he takes it at 70 yards, or about half this. Then, as the estate is 3520 yards long and 880 yards wide, the quantity of auriferous gravel to be wrought would be 216,832,000 cubic yards. He found that the average of three assays of the gravel gave 6 ozs., or about 20L per ton. The cubic yard weighs about 2 tons, and Mr. Davies, instead of valuing it at 40L, as shown by the above assays, takes it to be worth but 2s. per cubic yard, yet still obtains 21,883,200L as the gross value. That an ample margin is allowed will be admitted, and if the data be accurate the company would appear to have a large property. It is anticipated that washing will be commenced immediately, as heavy rains are reported.

Hornachos. 10 to 101: it is stated that Wr. Hilary Rauerman.

Hornachos, 10 to 10½; it is stated that Mr. Hilary Bauerman, A.R.S.M., is now engaged inspecting this company's mines, and that his report may soon be expected. Advices have been received of 23½ tons of dressed silver-lead ore which are awaiting shipment at Lishon. During Neugraphy (50 tons of high light plants) During November 650 tons of high class mineral were extracted, which are now being got ready for market. Two pairs of air-compressing engines have been ordered for rock-drilling machinery, one for each mine. These engines have each two steam ylinders of 17-in. diameter, and two air cylinders of the same

Eberhardt, \(\frac{1}{8} \) to \(\frac{1}{8} \); the report of Captain Drake, dated Nov. 10, was forwarded to the shareholders this evening. After detailing the various points of operation he states that their working force is 23 men and two mules. "With the supplies at the tunnel, and wood at the W. P. Waterworks for pumping our water supply, everything connected with the machinery and equipments of the tunnel and works is in condition for continued steady running. The contracts for wood, both for the tunnel and waterworks, are well advanced, and will be completed about the middle of December. Although we are not in bonanza, the showing of quartz and ore that we have in the 2000 ft, workings is sufficient to encourage us in the belief that we shall, in the near future, open into a body of ore that will in a short time reward our shareholders for their patient waiting, and repay the large expenditure of money incurred in our long struggle."

Kapanga, \(\frac{3}{2} \) to \(\frac{3}{2} \); there is reported to have been a considerable business on these shares during the week, and the price remains firm.

Michipicoten, 1½ to 1½; a very cheering report from the manager will be found in another column.

Sentein, ½ to ½; it is reported that in one portion of the workings they put two men to cut into the south or foot capel left standing by the former workers, and have unexpectedly struck into very rich ore ground, worth 20 per cent, for lead, and 30 per cent, for blende, from which they had already broken 40 to 50 tons, and from all appearances they will be able to extract enormous quantities of this quality ore from this point alone. A further discovery of lead has also been made on the deepest level. All the stopes have considerably improved, being worth in some places from 8 to 10 tons of ore per fathom, and the raisings for November they estimated would reach 1000 tons of ore.

For Lead Mine shares there has been a little more enquiry, but the amount of business doing is still limited, and prices remain

For Lead Mine shares there has been a little more enquiry, but the amount of business doing is still limited, and prices remain without change. Roman Gravels are reported to have been in good demand this week at 11½ to 11½ ex the dividend of 5s. per share. The mines continue to look well, especially in the several levels driving south. The sale of 150 tons of lead ore the middle of November realised 1452l. 10s., and a further sale of 200 tons this week realised 1935l., or together 3387l. 10s., leaving a good profit for the shareholders. It may be observed that with only a moderate rise of some 3l. per ton in the price of lead ore, and which may be expected at no very distant period, would make an important addition to the company's monthly profits, selling, as is now being addition to the company's monthly profits, selling, as is now being done, such an increased quantity of ores. This mine has now paid in dividends to the present company 105,500*l*., and may now be considered one of if not the richest lead-producing mine in this country. Van, 3½ to 9; the monthly report is considered satisfactory. It is gratifying to know that while the 120 west continues good the 15 east shows signs of a speedy improvement. The sale on Thursday, 200 tons lead and 200 tons blende, realised 2740*l*.

Van, 8½ to 9; the monthly report is considered satisfactory. It is gratifying to know that while the 120 west continues good the 15 east shows signs of a speedy improvement. The sale on Thursday, 200 tons lead and 200 tons blende, a realised 2740.

Frongoch, 3 to 4; a parcel of 100 tons of blende has been sampled for sale on Wednesday next. It is stated that during the current year no less than 2500 tons of ore have been raised and sold from this mine, and that several hundred tons additional will be sent to market before the close of the financial year. The latest reports from the mine continue satisfactory, and all points are stated to be opening out as well as ever.

Goghan, 1½ to 1½; the new rook drilling machinery is stated to be ready to go to work, and is expected to be started forthwith. It is said that the new discoveries fully maintain their value, and further improvements are expected. Some fine samples of rich sliver-lead ore have this week been received in London. Ystwith, ½ to 1; The new lode is to be proved by driving on its course, as soon as the cross-cut is sufficiently advanced, and hopes are expressed that the ore bearing part will be soon discovered. The lode, so far as seen, is upwards of 6 feet wide, and of a masterly character.

Grogwinton, 2 to 3; the latest news is to the effect that the lode in the shaft below the deep adic shows an improvement.

Bythe are quoted 3 to 3½, but the price appears to be quite nominal, as holders complain that no buyers at anything near it can be found. Mr. Marvin writes that the rise in the back of the 12 west, under adit, is opening out good stoping ground, the lode being from 6 to 10 ft. wide, producing from 1½ to 2 tons of silver-lead ore per fathorn, and this in whole ground for 35 fathoms. The mines, he adds, continue to look well.

Referring to West Pateley Bride, a correspondent writes that an encouraging feature has at length been developed in this mines, a feature in every respect identical with that which led to the discovery which made this for

net earnings, after deducting all charges, rents, &c., amount to \$54,515, against \$123,402, showing a decrease of \$63,637.

GAS SHARES.—The principal business in these shares, according to this evening's report of Messrs. W. L. Webb and Co., of the Stock Exchange and Finch-lane, has been—British, 35; Commercial, 135; Continental Union (Limited), 26½ to 27½; ditto, ditto, New (1859-72), 18½ to 18½; ditto, ditto, 7 per cent. pref., 26; European (Limited), 19½ to 20½; ditto, New, 9 to 9½; ditto, D, 10 per cent. pref., 216½ to 17½; ditto, U, 10 per cent. pref., 216½; ditto, D, 10 per cent. pref., 216½ to 21½; ditto, H, 7 per cent. maximum, 130½; dimperial Continental, 184 to 185½; Lindon, 262½; Monte Video (Limited), 14½ to 15½; Rio de Janoiro (Limited), 24½ to 24½; San Paulo, 14 to 13½; South Metropolitan, A, 171½. Gas stocks steady. For closing prices see list on the last page of Journal.

INSURANCE SHARES have, according to this evening's report of Messrs. W. L. Webb and Co., of the Stock Exchange and Finch-lane, been dealt in as follows:—Alliance British and Foreign, 38½; City of London Fire (Limited), 19½; City of London Fire (Limited), 19½; City of London Fire (Limited), 19½; City of London for and Provincial Law. 8; Law Fire, 16½; London and Staffordshire Fire, ½; Marine (Limited), 26 to 28½; Merchants Marine (Limited), 12 to 1½;; Ocean Marine, 9; Universal Marine, 9½ to 8½; Insurance lim. For closing prices see list on the last page of Journal.

TRAMWAYS.—The closing prices of this evening, as quoted by Mr. W. Abbott, of Tokenhouse-yard, are given in tabular form in the last page of Journal.

RALWAY AND GENERAL MARKETS.—Referring to the course of

Journal.

RAILWAY AND GENERAL MARKETS.—Referring to the course of business done to-day during official hours (11 to 3) Mr. Ferdinand R. Kirk, 5, Birchin-lane, writes:—Opening: Business is seriously curtailed by a fog more dense than any this year, and prices have given way. Spanish, that closed yesterday at 31½, are only 31½. Unified and Turkish Fives are each ½ lower. Peru 5 per Cent., 15% to 16; 6 per Cent. 20½ to 21; North-Eastern, 172½ to 173½; Great Western, 136½ to 136¾. A brisk demand exists for mining shares, but prices are still far below the level justified by the metal markets. Wheal Orebors have steadily advanced to 3½, 4½; the shares are very scarce, and look like going much higher. Parys Corporation, ½ to 7½; East Blue Hills, ½ to ½. Groginans are in demand at 1½ to 1½. South Caradon, 32½ to 37½; Rio Tinto, 29½ to 30; Van, 7½ to 8½; Devon Consols, 7 to 8; Emma, 2½ to 2½.—Closing: Spanish and Unified are ½ better. Turks, ½. There is considerable strength in the railway market. North-Eastern have reached 173½., and Caledonian, 110. British fluctuate between 96 and 96½.

BRATSBERG.—The monthly report of the managers, received this week, is again most favourable. The profit for November will be 500%, this being the first month of the company's possession of the property, and before any of the new machinery is erected. There can be no doubt but that when in full operation the profits of this undertaking will be very large.

GREAT HOLWAY.—We are informed that the sales of lead and blende for December month will exceed the returns for November blende for December month will exceed the returns for November by some few hundred pounds. The 60 level maintains its splendid production, whilst the 80 is now close to the same run of ore. Should this ore body be found as productive as in the upper levels the reserves of lead may be valued at thousands of pounds. The 110 west is undergoing a great change and it is expected that one of the Victoria runs of ore is in proximity, so a great discovery is looked for. With an improving price for lead the public will no doubt be eagerly seeking the shares at present low prices, for undoubtedly the company possesses a splendid property. A new feature this week is a discovery of ore on the company's freehold worth 1 ton of lead per fathou and likely to prove of great importance. per fathom and likely to prove of great importance.

COED-Y-FEDU AND PANTYBUAETH.—The 107 level at Panty-buarth is nearing Rowland's cross-course, and practical authorities look for a great deposit of lead. This is one of the many lead mines not noticed by the investing public, but destined to create a stir in the near future.

PRINCE OF WALES.-This mine looks well and the knowing ones are quickly absorbing the shares at present low quotations.

WEST HOLWAY, - The cross-cut from Ram shaft is now close

the lode, and as this same run yielded such an enormous quantity of lead in adjacent mines its intersection at West Holway is watched with keen interest. Other parts of the mine look well and it seems now an established fact that the deeper the shaft is sunk the more valuable do the leads become valuable do the lodes become,

VAN CONSOLS AND GLYN MINE.—Our readers will perceive in consols fortnightly report that some very important discoveries VAN CONSOLS AND GLYN MINE, —Our reagers will perceive in the usual fortnightly report that some very important discoveries have been made at this mine within the last 10 days. For the sake of the mining industry in the neighbourhood of Llanidloes, which latterly has been somewhat under a cloud, as well as for the share-holders of this mine, we hope these improvements will continue, and if they do not not console a register with the thick will be the shareholders of this mine, we hope these improvements will continue, and if they do, we need scarcely point out that this will at once become one of the most valuable properties in the Montgomeryshire district. No doubt we shall hear more of this, and that independent inspections will be made by those who take an interest in the property. The 50, west of Gundry's, according to the report to-day, is becoming of great interest. Should the anticipated body of ore be med with there we shall have a second Van.

FRONGOCH has sampled 100 tons of blende for sale on the 14th inst., and further parcels of 100 tons of lead and 150 tons of blende are in course of preparation for market. The total sales this year have so far been 2600 tons of ore.

PRINCE OF WALES SLATE.—The following further telegram has been received: "Prince of Wales Quarry: Rock in western level continues to improve. Just cut a slant with about 1 in. of clay in it." In the Festiniog district the clay slant is a sure indication that the "Old voin" on which the Palmerston and other large quarries are "Old vein" on which the Palm worked is immediately below.

SMOKE ABATEMENT EXHIBITION-SOUTH KENSINGTON .- The committee announce that the new inventions, not patented, exhibited at this exhibition are protected by special provisions of the Board of Trade. They also state that inventors having apparatus, of which models cannot be prepared in time for exhibition, may send

Messes. Pixley and Abell.—Gold: Has been in fair demand during the week; the arrivals have, however, been so small that recourse has been had to the Bank to the extent of \$5,000l. The withdrawals, which have been all in sovereigns, have been for Egypt, Buenos Ayres, and the West Indies. The Elbe has brought 4,300l. from Buenos Ayres, and this is the only arrivol. The Para has taken 17,050l. to the West Indies; the P. and O. steamer 25,000l. to Alexandria; and the Humber 5,000l, to the Brazils.—Silver: The market remained steady at 517/d. to 5119/4gl. per oz. until yesterday, when an order for the Mint caused a slight rise to 52d, per oz. The arrivals consists of 12,000l. and 21,760l., both from New York. The P. and O. steamer takes 20,000l. to Bombay.

CAPPER PASS AND SON, BRISTOL,

ARE BUYERS OF

LEAD ASHES SULPHATE OF LEAD, LEAD SLAGS, ANTIMONIAL LEAD, COPPER MATTE, TIN ASHES, &c and DROSS or ORES containing COPPER, LEAD, AND ANTIMONY.

GEO. G. BLACKWELL,

26 CHAPEL STREET LIVERPOOL,

HANDLES ON PURCHASE OR SALE
MANGANESE, ARSENIC, FLUOR-SPAR, WOLFRAM, BLENDE, CALA MINE, CARBONATE and SULPHATE OF BARYTES, ANTIMONY ORE, CHROME ORE, MAGNESITE, EMERY STONE, PUMICE STONE OCHRES AND UMBERS, CHINA CLAY, LEAD ORE FOR POTTERS, TALC, PHOSPHATE OF LIME, FULLER'S EARTH, &c. Also, ORE CONTAINING LEAD, ZINC, AND SILVER, IN COMBINATION.

EDGAR JACKSON (Associate Royal School Mines),

ANALYST AND ASSAYER,

Assays or Complete Analyses made of Copper, Silver, Lead, Zinc, Tin, and other Ores.

ASSAYING TAUGHT. 106, QUEEN VICTORIA STREET, LONDON, E.C.

BAINBRIDGE, SEYMOUR, AND RATHBONE, MINING AND CONSULTING ENGINEERS,

2, GREAT GEORGE STREET,

WESTMINSTER

WEST COAST OF SOUTH AMERICA

ROBERT HARVEY, Assoc. M. Inst. C.E.,

IQUIQUE, CHILI (Telegrams: HARVEY, Iquique).

For the past six years Engineer and General Inspector of the Tarapaca Nitra to Grounds and Manufactories for the Governments of Peru and Chili. Personal Examinations, Plans, and Reports of Mining, Nitrate, Railway, and other properties on the West Coast of South America. Orders received direct, or through SAMUEL HARVEY, Truro, Cornwall.

CONSULTING MINING ENGINEER, NORTH ORMESBY, MIDDLESBOROUGH.

CAPTAIN ABSALOM FRANCIS, M.E.

MR. F. W. L. GRAHAM, MIDDLESBOROUGH, BROKER FOR THE SALE OF IRON ORES, FERRO-MANGANIFEROUS ORES, PLUMBAGO, BAUXITE, REFRACTORY BRICKS, LEAD, ZINC, COPPER, and TITANIFEROUS ORES and ASHES, SALTS, PHOSPHATES, &c.

M. THOMAS EARLY has removed to 110, CANNON STREET,

R. THOMAS EARLY has removed to 110, CANNON STREET, LONDON, E.C., where all letters must be addressed.
Mr. EARLY strongly advises the PURCHASE OF SHARES IN MINES in the ST. AGNES DISTRICT.
WHEAL COIT.—This mine conducted on the Cost-book system (Act 1869) adjoins WEST KITTY. The latter is now well-known. The former ere long will be in equal favour. The offices of the company are as above.
WEST KITTY shares, which Mr. Early recommended at £2½, are now at £9¼ to £9¼, and will probably go cent. per cent. higher.
References exchanged if necessary. Business done at net prices. No fees.

MR. W. B. COBB, STOCK AND SHARE DEALER,
29, BISHOPSGATE-STREET, LONDON, E.C.
Corporation of South Australian Copper Mines, and Columbian Hydraulic
Shares, should be bought at once.
A few copies laft of December Circular.

MR. W. TREGELLAS, 40, BISHOPSGATE STREET WITHIN, E.C., Deals in all descriptions of STOCKS and SHARES at close market prices. He strongly recommends the immediate purchase of GOLD HILL Mine Shares .nd BRAZILIAN GOLD Mine Shares, which are safe to have a great rise. Full information on application personally or by letter.

MESSRS

MESSRS. J. TAYLOR AND CO.,

MINING ENGINEERS AND INSPECTORS.

86, LONDON WALL, LONDON, E.C.,

Have Agents in the various Mining Districts of Great Britain, the Continent,

Australia, and the United States of America.

Inspections undertaken, either pecsonally or by our Agents, and Reports or

Advice as to Working given.

PENNINGTON AND CO., SWORN BROKERS,
7, MOORGATE STREET, LONDON, E.C.,
Transact business in every description of Stocks and Shares.
ESTABLISHED 1869,—BANKERS: ALLIANGE.
TREVINCE CONSOLS.—These shares should be bought at once. Full particulars on application.

OSEPH TOMS, STOCK AND SHARE DEALER,
No. 85, BISHOPSGATE STREET WITHIN, E.O., has FOR SALE—
170 Prince of Wales, 148 9 100 Altami 7 per cent. 100 New Trumpet, 20s pd.
208 N. Zestand Kapanga, Debenture Bonds, 128, 9d. 128, 9d. 20 Akankoo, 7s. 6d. 20 Pioneer, 19s. 6d.
10 Standard Bank London, £3 pd., 32s. 6d 100 Denbighshire.
Special business can be transacted in the shares against which prices are not affixed. Offers are solicited, and shall receive prompt attention by telegram of letter.

Extracted from the INVESTORS' GAZETTE, PUBLISHED LAST

MR. ALFRED E. COOKE, Stock and Share Dealer, 76, OLD BROAD STREET, LONDON.

ESTABLISHED 1853.

There is a good advance in the price of copper, and before the highest is reached we believe that there will be a rise of several pounds per ton. This will be an immense benefit to many of our mines, and a very active business is looked for at the commencement of the new year.

Ment of the new year.

One of the best and cheapest copper mines is WHEAL CREBOR. There has been an increased demand for the shares of late, and the quotation is firm. In completing the new shaft there has necessarily been some heavy work; but the shareholders will be rewarded by increased returns of copper. If the lode below the 120 is cut rich, as is expected, the value of the mine will be considerably enhanced. In our opinion, our clients will do well to procure an interest in Wheal Crebor while shares are low.

WEST CREBOR will attract more attention when Wheal Crebor shares advance. The shares are, therefore, well worth picking up as a capital speculation at 7s. to 9s, A little more than two years ago Crebor shares were being offered at 1s. 6d., and they have since risen

NEW WEST CARADON shares are also very cheap at about 10s to 12s. The mine is in close proximity to the famous South Caradon, and is already making good sales of ore. The various points are being watched with interest by many knowing ones, and any day the price might double or treble in value. The company is well managed under the Cost-book System, and the calls only amount to 9d. to 1s. 6d. per share

PARYS COPPER.—This company will be able to dispose of a large quantity of low grade copper ore if the price advances a little. The prospects are brighter than they have been for some time, and the shares are a good speculation at about 17s. 6d.

CARNARVON COPPER.—We have a good opinion of this mine, and believe that the returns will soon be increased. Shares can be obtained at about 16s. Both the shares of this company and of Parys Copper are fully paid.

P.S.—Since the above was written Wheal Crebor shares have advanced to $3\frac{1}{6}$, $4\frac{1}{6}$. They are still very cheap.

Shares in the above Mines can be supplied at LOWEST MARKET PRICE FREE OF COMMISSION, either for CASH, FORTNIGHTLY ACCOUNT, or for SETTLEMENT TWO or THREE MONTHS hence.

The INVESTORS' GAZETTE, containing SOUND and RELIABLE RECOMMENDATIONS, will be forwarded on application.

ALFRED E. COOKE, 76, OLD BROAD STREET, LONDON.

Notices to Correspondents.

LADY RASHLEIGH CONSOLS.—A great pressure on our space compels us to post-pone until next week the publication of the letter from "Miner."

Passistant Consents.—A great pressure on our space compets us to postpone until next week the publication of the letter from "Miner."

Received,—"Constant Reader" (New Jersey)—Californian Stamp'Mill: We have
not received the particulars referred to, or they would have been published—
"D. B." (Glasgow)—New Galvanometer—"Old Subscriber" (Leeds)—"Shareholder" (Devala-Moyar Gold Company)—"J. E. W. L."—"W. P."—"H. B. R."
Cornhill—"C. S. R." (Alma, Colorado)—"G. G. B." (Liverpool)—"S. A. E."
"J. G. S."—"G. H" (Bowdon)—"L. E." (Onslow Gardens—"J. B."—"C. P."
"Shareholder" (Chontales): You should attend the meeting next Friday,
and obtain the particulars you require. Every attention will be paid to your
questions, and information thereby elicited which may prove satisfactory to
others as well as yourself—"Constant Reader" (Belfast): Perhaps next week.
We have been greatly pressed for space lately—"P. J." (Nextown)—"A
Shareholder" (Don Pedro)—"Disappointed" (Don Pedro)—"W. S." (Bow)—
"R. M." (Marbella)—"E. L. M."—"J. D. "(Marbella)—"J. C. B." (Neglectes)
Chill)—"Vigilans" (Gold Mines of Guayana).

THE MINING JOURNAL,

Railway and Commercial Gazette.

LONDON, DECEMBER 10, 1881.

FIRE-DAMP INDICATORS.

The importance of indicating the presence of fire-damp in mines has been recognised by mining engineers and scientific chemists, and several instruments have been invented for the purpose, but in most instances with doubtful success. It has been felt that such an indicator would enable mine officers to prevent the formation of dangerously explosive mixtures. Where gas was found to be accumulating by an instrument the ventilation could be so directed as to dilute it, but at present it often happens that gas is given off in large quantities without those in charge, or even those men working where the emission is taking place, being made acquainted with it. Were there, however, an indicator that would at once show the presence of gas in more or less quantities the miner might know when it was necessary to retire, and make known to the officials what was going on. A most ingenious and sensitive instrument for the detection of fire-damp was invented by the late Mr. G. F. Ansell, and was tested in several collieries, but it was of no practical use, because it indicated zero in an explosive as well as in a pure atmosphere, and, therefore, did not receive any encouragement from our mining engineers, and was not adopted. But we are now told that the Royal Commission on accidents in mines are endeavouring to find an instrument for indicating the presence of gas in mines, and already there are two or three inventions brought under notice that may be found to fulfi all the requirements of a cay indicator specially already there are two or three inventions brought under notice that may be found to fulfil all the requirements of a gas indicator specially adapted for mining purposes. A French engineer, Mr. Coquillion, states that he has invented a portable apparatus by which \(\frac{1}{2}\) per cent. of fire-damp can be shown. It is simple, easily carried about, and is easily understood. Professor Dr. Mounier, of Geneva, has also invented an instrument for indicating the quantity of fire-damp in a mine. The instrument, which appears to have the same objections as Ansell's, is taken into different parts of a mine, and five minutes are devoted to each station for the purpose of analysis. five minutes are devoted to each station for the purpose of analysis, and four times an hour an air-pump is worked which sucks the air into a test tube.

The instrument at each of the places is worked by clock-work, and at the commencement of the five minutes the connection with the outer air is closed by an electro-magnet, which pinches an indiarubber tube. A platinum wire is heated white hot by an electric current and burns the hydrogen, the carbonic acid being absorbed by the water, so that when the wire cools the air is contracted, and suck up mercury in a tube attached to the test tube. As the mercury rises it makes successive contacts with platinum wires passing into the tube at regular intervals, and the intervals correspond to the height to which the mercury would rise if the air had been contaminated with certain percentages of fire-damp. Each time the mer-

cury touches a wire it sends a current to the pit mouth, and moves a kind of engine counter. After the further application of the heated platinum wire to complete the combustion the number finally recorded at the pit mouth is the percentage of fire-damp in that part of the pit indicated by the particular five minutes at which the indication is made. The electro-magnet being released opens connection between the test tube and the external air and the air-pump, and another instrument in another part of the pit takes up the work, and so on. It would almost appear that the instrument, although perhaps calculated for the purpose of detecting the quantity of gas in a mine, is far too intricate for instruments for indicating the presence of gas in mines. Simplicity is an essential. However, it will be interesting to hear more of instruments having the same object in view, as it may then be possible for the Royal Commission to recommend an instrument that will show where gas is or has accumulated, so as to give increased safety to those who have to spend a large portion of their lives underground.

RAILS IN THE UNITED STATES.

so as to give increased sately to those who have to spend a large portion of their lives underground.

RAILS IN THE UNITED STATES.

The astonishing activity of the American railroad interest has been the main cause of the, at any rate, relative prosperity which has prevailed this year in the British iron trade. Never in the wonderful history of the United States has such a prodigious extent of new railroads now on hand in the United States into five groups—first, those between the Atlantic coast and the upper Mississippi, and north of the Ohio and the Potomac rivers; secondly, those between the Atlantic coast and the Mississippi, and south of the Ohio and Potomac rivers; thirdly, those between the Rocky Mountains and the Mississippi, and south of the Ohio and the Mississippi, and south of the Ohio and Potomac rivers; thirdly, those between the Rocky Mountains and the Mississippi, and south of the latitude of St. Louis; and fifthly, those west of the Rocky Mountains. The first of these groups comprises 4791 miles of new line, the principal being the Boston, Hoosac Tunnel and Western, the Chicago and Atlantic (Eric extension), and the New York, Chicago, and St. Louis; the second group comprises 4695 miles, the principal being the Alabam, New Orloans, and Texas Pacific Junction, and the Georgia Pacific; the third group comprises 4665 miles, the principal being the Alabam, New Orloans, and Texas Pacific Junction, and the Georgia Pacific; the Norland Pacific, the Chicago, Milwaukee, and St. Paul extension, the Republicant Pacific, the Chicago, Milwaukee, and St. Paul extension, and the Texas and St. St. Louis; and the fifth group sometics of the Pacific Chicago, and the Texas and St. Louis; and the fifth group sometics of the Pacific Chicago, and the Texas and St. Louis; and the fifth group sometics of the Pacific Chicago, and the Texas and St. Louis; and the fifth group sometics of the Pacific Chicago, and the Texas and St. Louis; and the fifth group sometics of the Pacific Chicago, and the Texas and St. Louis; and

BORING FOR COAL IN A NEW FIELD.

BORING FOR COAL IN A NEW FIELD.

In connection with the Hull and Barnsley Railway, now in course of formation, an attempt is being made to find coal in a part of Yorkshire a considerable distance from the existing fields now being worked. Lord Bealmont, it appears, has taken the initiative in a most spirited manner, and is about to have several bore-holes made on his property between Carlton and Drax, whilst the owner of an adjoining estate also proposes to bore in the event of coal being found by Lord Bealmont. The first bore-hole is close to the new line of railway, rather more than a mile from the River Aire, four miles from [Goole, six miles from Selby, and twenty-five miles from Hull. In the event of coal being found so near to the two ports of Hull and Goole it would seriously injure the trade of South and West Yorkshire, from which many thousand tons of coal are sent weekly to the places named, and would, in all probability, lead in the first instance to severe railway competition, to be followed by an understanding between the rival companies, in which the interest of the colliery owners would not receive much consideration. One bore-hole, it appears, has already been made, and within six days 50 feet have been pierced, but it is stated that some months must elapse before the coal will be reached if it is found at all. Mr. GREAVES, the engineer, who has adopted the rock-boring drill, the bore-hole being 9 in its going down to a correiderable doct to GREAVES, the engineer, who has adopted the rock-boring drill, the bore-hole being 9 in., is going down to a considerable depth, exthe bore-note being 9 in., is going down to a considerable depth, expecting to find the well-known Barnsley seam. In connection with the venture it may be stated that Mr. Sykes, M.P., of Brantinghamthorpe Hall, a short time since made some borings on his estate, with a view to reaching the coal measures, but discontinued opera-In connection with tions after going down a short distance. Those who have paid considerable attention to the coal formation of the West Riding and its extension eastward are of opinion that he acted wisely in so doing The Barnsley coal, to which the boring at Drax is expected to reach, has not been worked or met with nearer than about 25 miles from Drax, the nearest point in a straight line being the Denaby Main Colliery. But it is worthy of notice that the Barnsley seam of coal, in its development to the north-east, after leaving the town from which it takes its name, greatly deteriorates, until it becomes in a distance of 12 miles almost worthless. At Denaby Main the coal is at its thickest, being about 10 ft., but the average in the South Yorkshire district is from 8 to 9 ft. At Darton, four miles north of Barnsley the coal is Barnsley, the coal is of good quality, but a dirt parting that first makes its way some distance south of the town increases in thickness. A mile or two further on the coal falls off a good deal, and

sponds with the Barnsley seam, and is for the most part a mixture of thin beds of coal or dirt, of little or no value.

The seam has not been worked to the east to any extent, so that the new ground being bored is almost an unknown land, so far as the coal is concerned. Therefore the more credit is due to Lord BEAU. coal is concerned. Therefore the more credit is due to Lord Braumon's for attempting to solve so important a problem, that, if successful, would be of the greatest value to the landowners, whose properties are so close to Goole and Hull, and near to the new line of railway. The Midland coalfield, of which the West Riding forms a part, has its eastern margin defined by the escarpment of the magnesian limestone, with its subordinate lowerl permian sandstone, which extends northwards beyond the limits of the coalfield itself. The coalfield, in fact, lies in the shape of a basin, the northern, southern, and eastern edges of which underlie the new red Permian and other overlying secondary strata. The field evidently extends under the Permian and triassic formation. Near to Wakefield the beds gently tend to rise towards the north-east, near to and under the magnesian limestone; and in the centre of the coalfield the Ackworth rock, a red sandstone, is another and the highest known carboniferous bed, and represents the central portion of the whole basin, and Drax, where the boring is now being made, is nearly due east from there. To the presents the central portion of the whole basin, and Drax, where the boring is now being made, is nearly due east from there. To the east of the field we have what are termed the concealed coal lying under the Permian and new red beds. It is, indeed, estimated that the whole of the important beds of the coalfield lie underneath the new red marl, and even a small part of the lower lias at depths of 4000 ft. and under; for the gradual increase of thickness due to the coming in of successive formations of magnesian limestone, new red sandstone, red marl and lias is probably compensated for by the gradual rise of the eastern edge of the basin towards the base of the lowest formation overlying the coal measures. The area of coal gradual rise of the eastern edge of the basin towards the base of the lowest formation overlying the coal measures. The area of coal east of the Permian escarpment is upwards of 670 square miles in the great Midland field. In the direction of Drax, at Byram Hall, four miles north-east of Pontefract, the magnesian limestone has been proved to be 312 ft. thick, something like what it was at Shireoaks, where the Barnsley bed was found at a depth of 510 yards. Whatever may be the result of the boring now being made near to Goole, the issue will be looked forward to with great interest, not only by the colliery owners of the West Riding, but by the landowners and others in the district, where the finding of the coal at Drax would be followed by other borings and sinkings. This would immensely increase the value of the property in such districts most favourably situated as they are for trade with Hull and Goole than any other.

INTERNATIONAL EXHIBITIONS

INTERNATIONAL EXHIBITIONS

Mr. ELLIS LEVER, of Manchester, has just issued a rather remarkable book, entitled "Suggestions for a Grand International Exhibition of the Industrial Arts, Manufactures, Fine Arts, Scientific Inventions, Discoveries, and Natural Products of all Countries, to be held in Manchester in the year 1882; accompanied by a Brief Historical Review of the Origin, Rise, Progress, and Development of the Chief Exhibitions which have Preceded it from 1797 to the Present Time." This long title indicates the nature and scope of the work, but it does not exhaust all its features.

We have called the book remarkable, and it deserves to be so called, for it is seldom that a series of suggestions is placed before the public

but it does not exhaust all its features.

We have called the book remarkable, and it deserves to be so called, for it is seldom that a series of suggestions is placed before the public in so complete a form as we find to be the case in the work before us. The first part deals with the proposed exhibition, and we find that almost every detail of classification and arrangement is fully worked out. Besides which there are many hints as to management, as for example one with reference to facilities for the sale of goods by exhibitors, which promoters of exhibitions will do well to take note of. Many others of a like character deserve to be attentively studied and followed.

The second part of the book—some 60 pages—gives a wonderfully accurate summary of the history of exhibitions from the time when they were first instituted, under the first French Republic, in 1797. From that date to the close of the Milan Exhibition, and of the Electrical Exhibition in Paris, the record is full, succinct, and accurate. No one can rise from a perusal of this work without being struck with this fact—that exhibitions have played a great part in the industrial history of the present century. We can trace the industrial and fine arts, and of scientific inventions and discoveries, and we can follow closely the development of commerce and trade; and, furthermore, we can understand how it is that some nations have become almost dangerous competitors in the markets of the world. The history of those exhibitions lifts the veil, so to speak, and shows us the world in its workshops. Their influence has been great heretofore, and we doubt not but that it will be greatly extended in the future. And if we are to hold our own we must endeavour to secure some of the advantages which such exhibitions bring to the countries in which they are held, and no one will grudge to Manchester the honour of holding one which for completeness and variety will fairly compare with any that have yet been held.

THE DUPLEX LEVER CAPSULE COMPANY.—There is, it appears, every prospect of this undertaking being very successful. The demand is enormous for capsules, stoppers, and covers of all sorts, and as this company will furnish the best in the trade—an article admittedly superior to anything hitherto invented—it should command the greater portion of the business. It is understood that offers have already been received from abroad to work the patent at a royalty; but the directors' intention is to sell the foreign patents outright, by which means the shareholders would make large profits, apart from the income arising from the manufacture in England.

IMPROVED FOG SIGNALS.—In lieu of the usual explosive signals IMPROVED FOG SIGNALS.—In lieu of the usual explosive signals now used for signalling on railways during fog, Mr. ARTHUR KILDAY of Finsbury Pavement, proposes to employ a system of bells and levers. Close beside the metals runs a second rail with two slight curves and attached to the lever used for the ordinary semaphore and worked in sympathy therewith. From the side of the engine hangs a small rod terminating in a small wheel and attached to a bell on the locomotive. When the line is clear the rod comes into contact with only one curve or wave of the second rail, and the bell, therefore, gives only one ring, which corresponds to the single explosion of the detonater under similar circumstances in the present sion of the detonater under similar circumstances in the present system. Should, however, the line be blocked the rod would strike both curves, and two rings of the bell would warn the driver that he must stop. Mr. Kelday also proposes by a simple contrivance to turn off the steam and put on the Westinghouse brake when the line is blocked; but his attention will chiefly be turned to the introduction

BORING BY MATHER AND PLATTS' APPARATUS.—In the neighbourhood of Chesterfield considerable interest has been excited by the boring operations which have been going on for some time past at Brampton for the purpose of reaching a spring of fine water. at trampton for the purpose of reaching a spring of the water. The boring appliances are of a most interesting description and show what advances science has made on the older methods of boring. The work is being carried on by Messrs. Mather and Platts, the well-known Salford firm, who have been engaged in some of the most extensive borings in the kingdom. The borer consists of a large steel-toothed driver or hammer about 12 inches in diameter, lifted by steam recover and drawned down the quidt the inter the bore hele. by steam-power and dropped down the guide tub into the bore-hole. One of the principal features of the boring apparatus is the plan of using india-rubber rings, which are fitted round the tubing whenever there is likely to be a supply of water other than that which is being bored for, so shutting it off. When the water that is being bored to has been found, and the tubes are fitted into the bore-hole, the rings has been found, and the tubes are htted into the bore-hole, the large are pressed out round the tubes at a point above the strata from which the supply is to be drawn, so forming a perfect block between the tubes and the bore-hole, rendering the percolation of the water not required impossible. The neighbourhood of Brampton, it is stated, in connection with mining operations has been found to have many "faults," but the results of the boring operations show that the stratageone through were as free from these as was expected, confirming the onlying soft these who had raid some attention to the still further north, at Crigglestone, it splits into many small seams by diff partings, so as to be utterly worthless, and as it goes further on it gets still worse. Near to Wakefield there is a seam that correlate distance of about 40 feet from the surface, so that one would

DEC think it w naturally behalf th shown it seemed n district, h

That t minerals years sine and stron ount o the regio capitalist rule of th with the however, away, an gentlema officially 26, remai with diameter. I he taken from out little original report u
de Villie
the exac
provided
back fro as the a (as they Kop No. within h

> wash dir in two s burg. urged th and ext Superior there in of silver there in of the l

gold fiel

selves l America logist, loopper on the output rity has the resc region-few yes may be A Ca year ag whom

known compan sold the

the po Quebec sum in in acqui good d the best by the shore, t with t scale. for nat ence a

entirel is four to extr cesses Moreo tain p superio may b ment o native A vi sult, a Michip

10 squ and Land wenters in cas

re of

the AU-

end

coal in

uld

lly

think it would be well worth working at such a shallow depth. The mechanical apparatus, from its originality and ingeniousness, has naturally attracted a good deal of attention, and the firm on whose behalf the boring is being made, Messrs. Chater and Co., have kindly shown it in operation to a considerable number of persons, who seemed much pleased with the working of apparatus new to the district, but at the same time simple and most effectual in doing the most required. work required.

THE GOLD FIELDS OF SOUTH AFRICA.

The GOLD FIELDS OF SOUTH AFRICA.

That the Transvaal was deserving of careful prospecting for minerals was shown by correspondents of the Mining Journal several years since, and there can be no question that had a permanent and strong British Colonial Government been established a large amount of British capital would ere this have found its way to the region, to the mutual advantage of the inhabitants and of the capitalists supplying it. The abandonment of the country to the rule of the Boers so severely shook confidence in everything connected with the Transvaal, and indeed with South Africa generally, that any attempt to move commercial matters was futile. It appears, however, that this unfavourable feeling is now gradually passing away, and the Kimberley correspondent of the Mining Journal—a gentleman who is not only a sound practical miner, but has long been officially connected with the province—in his letter published on Nov. 26, remarks:—"Since I last wrote mining has not changed here, but the rich discoveries of gold in the Lydenburg district of the Transvaal is causing some excitement; but most people here are so struck with diamond scrip that they are not in a position to touch anything else. I have seen some very fine samples from Lydenburgh district taken from Spitz Kop and Waterfall Creek. The quantities varied from 3 or 4 ozs. to 2000 ozs., and was of splendid quality."

And this announcement is the more interesting inasmuch as this Spitz Kop property—which, it should be explained, has been heard but little of owing to the natural reluctance of the miners working it to let their profits be known, although considerable quantities of alluvial gold from it has already reached the London bankers connected with South Africa—has, it seems, passed into the hands of a French proprietor, Mr. Jules Franck, by power of attorney from the original owner, Mr. T. Van Niekerk, in 1878. A careful survey and report upon the property was made in May, 1878, by Inspectors P. D. de Villiers, T. J. Breytenbach, and A. alluvial gold had been carried on on the farm with good success, and that the farm had yielded and was still yielding a considerable quantity of gold. And, lastly, there is the affidavit of Mr. J. W. Abbott, the license inspector of the district, stating that he accompanied Mr. Van Niekerk, the owner of the Spitz Kop farm, to the claims of Messrs. Silo and Rae, miners, certificates Nos. 12 and 24, situated thereon, that he saw Mr. Van Niekerk take a quantity of wash dirt from the face of these claims, and that he saw this packed in two small boxes, securely fastened and sealed and sent to Lydenburg. It thus appears that every care has been taken to verify the statements made with regard to the property, so that it is very fairly urged that if it be placed upon the market at a reasonable price it should offer a fair field for capitalists.

LAKE SUPERIOR MINERAL LANDS.

In no other part of the world are the mineral deposits more varied and extensive than on the islands and around the shores of Lake Superior. Deposits of iron, silver, copper, and gold have been found there in great abundance, and worked at a great profit. The deposits of silver and copper are specially remarkable, these metals existing there in their native or metallic form. A rock in the British waters of the lake, named Silver Islet, is an almost uniform mass of silver. Willions have been extracted from it at a vest profit, and millions are of the lake, named Silver Islet, is an almost uniform mass of silver. Millions have been extracted from it at a vast profit, and millions are known to be in reserve. The silver wae discovered by a Canadian company, who, rather than conduct mining on their own account, sold the islet to United States capitalists, who have enriched themselves by extracting the silver. On the south shore of the lake the copper deposits have yielded simply fabulous dividends to the American companies by which they are treated. The eminent geologist, Dr. Sterry Hunt, has pointed out That one-third of the entire copper consumption of the world is obtained from about ten mines on the south shore of Lake Superior, being more than the entire output of Europe." The same distinguished and trustworthy authority has also stated, as the result of personal investigation, that "if the resources of capital with energy and skill are applied to this region—the Canadian, or north shore—as they have been for the past few years to the south shore, I cannot doubt that as great results may be achieved."

A Canadian contemporary, the North Shore Miner, wrote about a

ence and full knowledge of mining for copper ores. The former is entirely different from the latter. When a deposit of native copper is found the product has merely to be stamped and washed in order to extract the metal. In the case of sulphurets of copper ten processes have to be gone through before ingot copper is obtained Moreover, the native copper is far purer than any other, and for cer an any other, the native copper is far purer than any other, and for than purposes, particularly for forming electrical conductors, it is so superior to ordinary copper as to command a much higher price. It may be remarked in passing that, owing to the enormous development of lighting by electricity, a new and increased demand for native copper has strong up.

ment of lighting by electricity, a new and increased demand for native copper has sprung up.

A visit made by Mr. Stuart to this country a year ago had the result, as is known to many of our readers, of the formation of the Michipicoten Native Copper Company (Limited), to acquire and work 10 square miles of freehold mineral land belonging to the Quebec and Lake Superior Mining Association. The terms on which this land was acquired cannot easily be paralleled in the history of mining enterprise. The shareholders in the English company paid nothing in cash for an estate on the island of Michipicoten, which is finely wooded, which contains much land suitable for agricultural purposes, and which has a considerable value independently of the mineral

treasures beneath the soil. Not merely did the vendor take the entire payment in shares, but he displayed his belief in the accuracy of his statements that the returns from mining would be speedy and large, by agreeing that his shares should not rank for dividends till the subscribed capital had been returned to the English investors out of actual profits. Since this arrangement was concluded mining has been vigorously prosecuted by the Michipicoten Company. We have kept our readers informed as to the results, which are equal to the most sanguine anticipations. The specimens of ore actually raised by the company, which Mr. Batters, one of the directors, recently brought back after visiting the mines on Michipicoten Island have surprised our mining experts as well as gratified the fortunate shareholders. It is a noteworthy circumstance that Canadians are now so much impressed with the great future of the Michipicoten Native Copper Company that they have readily given a premium for many hundreds of shares.

Another property belonging to the Quebec and Lake Superior

Copper Company that they have readily given a premium for many hundreds of shares.

Another property belonging to the Quebec and Lake Superior Mining Association has been recently acquired by an English company. This is situated on the north shore at Mamainse, and has been proved, and contain beds of native copper ore and veins of sulphurets which contain as much as 69 per cent. of copper and 36 ozs. of silver to the ton. This company is named the Lake Superior Native Copper Company. As in the case of the Michipicoten, so in this case. No cash is paid for the 10 square miles of freehold land, the entire payment being made in shares, while the holders of these shares will not participate in dividends till the subscribed capital has been returned in full to the shareholders. We understand that several thousand pounds have been expended in exploratory works in order to discover the best spots where to sink shafts and to crect the necessary machinery. These preliminary operations have proved so successful that a public issue of shares wherewith to provide the requisite working capital will soon take place. Should these enterprises have the success which seems probable a new chapter will be opened in the annals of copper mining, while the investors in the copper mines in British territory at Lake Superior will have as good reason to be satisfied as the investors in the copper mines at the Cape of Good Hope.

PROGRESS OF CORNISH LIMITED MINES

The reports published to-day from the East Wheal Rose, Old Shepherds, Mounts Bay, and Tresavean Mines will be read with upecial interest by those shareholders who have entered into these concerns not as speculators but as bona fide investors. Mining offers many temptations to the former class, it is true, but it is primarily for the benefit of the latter that it should be, and in the cases of these companies is carried on. Hence the respective reports from many temptations to the former class, it is true, but it is primarily for the benefit of the latter that it should be, and in the cases of these companies is carried on. Hence the respective reports from East Wheal Rose, Old Shepherds, Mount's Bay, and Tresavean will be received with peculiar satisfaction by all those who wish to regard their holdings in the light of permanent investments, as distinguished from those who throw their shares upon the market directly they see the opportunity of clearing a few shillings by that operation. The reports then are records of substantial progress, and those who read between the lines can discern signs of coming wealth, which the agents hardly dare as yet to clothe in emphatic language. For example, at East Wheal Rose Middleton's lode is reported to be producing "splendid work for lead," and to be growing rich fas it is driven upon. At Old Shepherds, in the western ground, the lode is "of a most promising description," and the agents say that the indications are sufficient to warrant any reasonable outlay to further prosecute this in depth. The agent at Mounts Bay shortly expect to cut ore in the engine-shaft at Trebarvah, where the present appearances lead them shortly to expect something good. More than this, a "capital improvement" is notified in Richard's shaft, where the lode is I ft. wide, and worth fully 20t, per fathom. At Tresavean the property is so extensive as to embrace five grants, and these have the almost incalculable advantage of being in communication by means of an adit. Necessarily a large amount of preliminary work has had to be done, but the agent the brace five grants, and these have the almost incalculable advantage of being in communication by means of an adit. Necessarily a large amount of preliminary work has had to be done, but the agent is firmly of opinion that in Tresavean there is a good mine, which will no doubt again prove one of the richest in the county. It is thought that these reports are so encouraging and so indicative of real progress that shareholders who would cast their holdings upon the market at anything like the present prices would be guilty of financial indispretion. cial indiscretion.

RUSSELL UNITED MINES.

RUSSELL UNITED MINES.

Some months since, after the acquisition of the East Wheal Russell sett by this company, a new shaft—Stephens'—was sunk on the course of the lode for about 15 fathoms, when it was found impossible to continue the sinking in consequence of the increase of water, and therefore operations on that lode had to be suspended for the time. The attention of the agents was at once directed to a remedy, and there being a large water-wheel in another part of the mine, with plenty of available water power, it was determined to make use of it, instead of erecting a steam-engine, and therefore a line of rods, 500 fathoms, or more than half a mile in length, was laid down through the Morwell woods for connecting the wheel with the pumping gear at the shaft, and much curiosity was felt in the neighrew years to the south shore, I cannot doubt that as great results may be achieved."

A Canadian contemporary, the North Shore Miner, wrote about a year ago to the effect that "The American capitalist is the one on whom we must depend for the development of our rich resources. There are no Canadians who have the push and stamina sufficient for the purpose." It would be incorrect to say that Canadians have entirely neglected the mineral riches which abound in this region of their great Dominion; but it is literally true that they have not proteited by their knowledge. The case of Silver Islet is one in point. If the Canadians who discovered the silver there had been wise enough to supply the capital wherewith to extract it they would not only have been free from reproach, but they would have entered into the possession of vast wealth. Another Canadian company, the Quebec and Lake Superior Mining Association, expended a large sum in exploring the copper-yielding lands on the north shore, and is properties which were rich in minerals. They did good deal of mining, but owing to want of experience in selecting by their experience, as the United States miners did on the southshore, they simply declined to furnish the necessary capital wherewith to prosecute the work which they had begun. Mr. W. W. Stuart, of Montreal, the President of the Association, was not inclined to follow the example of his fellow-shareholders. By acquiring a large number of shares he was able to give effect to his views. More than once he visited this country only to find that our mining for native copper was a novelty here to those who had large experience of the case of his health Capt. Gifford, whose engineering alarge number of shares he was able to give effect to his views. More than once he visited this country only to find that our mining for native copper was a novelty here to those who had large experience of the capt. The form the fact that such a practice is now of rare the country mining for native copper was a novelty here to thos pumping gear at the shaft, and much curiosity was felt in the neigh-bourhood as to whether such experiment would prove successful. However all doubts were laid to rest on Saturday last, when the the cross-cut to intersect the north lode should be pushed on with all possible vigour, and it was hoped that the directors would see their way clear to resume the sinking of Matthews' engine shaft, at all events until the junction with the north lode is reached.

The East Russell lode has an historical interest in the annals of mining, and any who are interested in the past workings of it can not do better than refer to Mr. Murchison's useful "Review of British Mining" of past years, where many full reports by some of the most eminent mine agents of the time will be found. In a report by the late Capt. Charles Thomas, of Dolcoath, it is described as a lode "well defined, easy to work, with a moderate underlay south, having the general appearance and features of extensive productiveness in depth." The composition of the lode being principally gossan in great abundance was believed to indicate a large quantity of ore beneath it. That this and other reports were not without foundation is instanced by the subsequent working of the East Russell Company. During the year 1852 the 85 (about level was driven through a fine great abundance was believed to indicate a large quantity of ore beneath it. That this and other reports were not without foundation is instanced by the subsequent working of the East Russell Company.

During the year 1859 the 88 fathom level was driven through a fine course of ore, worth 20k., 40k., 60k., 100k., and 120k. per fathom; a rise in the back of that level 100k. per fathom, while a rich lode in the 77 east was for a short length valued at 400k. per fathom. The present company was formed some few months back, and the whole of

the 36,000 shares subscribed for by the holders in the late Cost-book company who previously worked the mines. The shareholders are an influential body of gentlemen. The holders of about one-half the shares reside in London, and the remainder for the most part in Bristol and in the neighbourhood of Tavistock.

PRINCE OF WALES SLATE COMPANY.

It would seem from the telegram given in another column that at It would seem from the telegram given in another column that at length success is about to dawn upon this enterprise. The original company was started in the year 1864, and was so favourably regarded that the capital—45,000*l*,—was readily subscribed for privately without being advertised. The operations of the company were, moreover, so promising that very soon an arrangement was entered into with the landlord for the extinction of the rent and royalties and the acquisition of additional tip-ground, the want of the latter being the great defect in many otherwise valuable quarries. This step, however desirable it may have been, was unwise at the time, inasmuch as the company had not the means to carry out. ries. This step, however desirable it may have been, was unwise at the time, inasmuch as the company had not the means to carry out the purchase, and so got into difficulties. Subsequently, by an issue of debentures (at the present time amounting to 15,500*l*, bearing interest at the rate of 5 per cent. per annum), the redemption of the royalties was completed, so that the whole estate, including a farm of 160 acres, is now held for the remainder of the term of the lease absolutely free from rent and royalties, the importance of the benefit of which may be estimated from the fact, that some of the converge of which may be estimated from the fact that some of the quarries in the Festiniog district are now paying 7s. 6d. per ton royalty on all the large size slates they sell.

the large size slates they sell.

Meantime the work necessary to the development of the Prince of Wales Quarry was carried on, and about 7000% worth of slates (made for the most part incidentally in opening out the galleries) were sold—an unprecedented result from ordinary preliminary operations in a slate quarry. One other drawback had to be removed—the difficulty and heavy cost (amounting to 12s. 6d. per ton) of transit of the produce of the quarry to the shipping port of Carnarvon. This was met by the application on the part of an independent company to Parliament for an Act to acquire and adapt into a locomotive line of railway the tramway constructed from the Gorsedda Slate Quarry to Parliament for an Act to acquire and adapt into a locomotive line of railway the tramway constructed from the Gorsedda Slate Quarry to Portmadoc, and to construct an extension of the line to the Prince of Wales Quarry. This line has been constructed and is now open for traffic, the cost of carriage being thereby reduced to 3s. 8d. per ton. As part of this last-mentioned arrangement, the Prince of Wales Company became also possessors of the Gorsedda Slate Quarry, and here, too, the royalties have been redeemed. At the Prince of Wales Quarry recent operations have been directed to the proving of the western vein, and for this purpose a cross-tunnel, which has reached a total length at the present time of 70 yards, has been driven at a depth of 60 yards from surface. This level, from the reports received, seems to be now entering the good slate rock to the west, and if this good rock continues for the remaining width of the vein (50 yards) there will be a very large body of rock to operate the west, and if this good rock continues for the remaining width of the vein (50 yards) there will be a very large body of rock to operate on. We heartily wish the shareholders all the success which they deserve for having so bravely stood by the indertaking, and brought it into its present promising condition. If, as seems probable, favourable results are now about to be obtained, the Prince of Wales Slate Company will be another instance of difficulties overcome, obstacles removed, and ultimate success. Both the Prince of Wales and Gordall Coursing are situated on the bill side and can therefore be

removed, and ultimate success. Both the Prince of Wales and Gorsedda Quarries are situated on the hill side, and can, therefore, be worked to a great depth by open galleries without pumping or lifting machinery, which forms a heavy item in the cost of working many slate quarries.

What the future of the slate trade may be it is not necessary to predict, but indications certainly point to the exhaustion at no very remote date of some of the largest quarries now in operation, and the stoppage of others by reason of the difficulties attending their mode of working. It is to new quarries, therefore, that consumers must look for their future supply, and there is no reason why the profits derived from slate quarries should not be as large in the future as it has been in the past.

FOREIGN MINING AND METALLURGY.

FOREIGN MINING AND METALLURGY.

The French iron trade is still characterised by great activity. At Paris warehouses are being emptied, and in the provinces orders are being given out as freely as producers can undertake them. Quotations have not varied materially upon the French iron markets, but an upward tendency has generally prevailed. Old rails have been in some request, at 51 to 51. 2s. per ton. Coke-made iron has been dealt in currently at St. Dizier at 81. per ton. The German iron trade isstill characterised by a persistent advance in quotations. Pig has been firmly supported, and has continued to advance. Coutracts are about to be let for 22,400 tons of steel rails and 15,800 tons of iron sleepers for lines owned by the German Government. Contracts are also about to be let for about 5500 tons of rails and 3700 tons of iron sleepers for railways at Berlin. The German mechanical construction establishments are generally well employed. Among the locomotive orders received may be mentioned 20 for the Northern of Spain Railway and 32 for the Upper Italy Railway. Contracts for 54 locomotives have been also let at Cologne. It was announced recently that the Bram-le-Comte Workshops Company had obtained a contract in connnection with some exhibition buildings to be erected at Madrid. It may be added that the same works have now obtained an order for the ironwork required for exhibition buildings at Amsterdam. The Angleur Steelworks Company is equipping a rolling mill for turning outrails of double length.

The Belgian iron trade presents a highly satisfactory tone. Everywhere there is a considerable amount of work in hand, and the future appears to be assured, at any rate for some months to come. The tendency to a further rise in quotations seems to be becoming general, and it is a long time since Belgian metallurgical industry was in such a favourable and promising condition. The works producing plates and boiler-plates are overdone with orders, and the construction workshops find it almost impossible to make

motives and 2000 trucks, he has probably acted sensibly in doing so. Pig has been held with much firmness in Belgium; the production of the Athus Works is said to be engaged for the whole of the first quarter of 1882. The Châtelet and Marchiennes Blast Furnaces

Company is about to extend its production.

Firmness continues to characterise the Belgian coal trade, and with the exception of domestic qualities, which are for the moment in rather lees request, all descriptions of combustible have shown a more or less marked upward tendency. It is long since Belgian industry presented such favourable aspects as at present, and the industry presented such favourable aspects as at present, and the Belgian collieries are profiting largely from the situation. In the Hainaut coal quotations have not varied, but the stocks on hand have been rather considerably reduced. A similar report may be made with respect to the Liége basin. Those owners of blast furnaces who a few months since concluded contracts for supplies for some time in advance may now congratulate themselves on their foresight. The state of the French collieries continues satisfactory, but as contations were already very high no further advance can be but as quotations were already very high no further advance can be reported. The Northern of France Railway Company has concluded

sumers appear quite willing to accept higher prices, provided they are assured immediate deliveries. It is not very easy, however, to me et this last requirement, as there is still a great scarcity of rolling stock upon some of the German railways.

TIN MINING NEAR ST. BLAZEY.

Considerable interest has been excited in the mining district of St. Blazey by the discoveries recently made at the Lady Rashleigh Consols Tin Mine, and the formation of an influential company to Consols Tin Mine, and the formation of an influential company to complete the development and to energetically work this valuable property was announced in last week's Journal. Those who have travelled by the Cornwall Minerals Railway between Par and Luxulyan will doubtless remember the lovely scenery of the Luxulyan valley, with its rocky heights and beautifully wooded slopes. In such a spot nothing would seem more incongritions than the existence of a mine, and yet for some time past extensive operations have been carried on at what promises to be one of the most successful mining properties in Mid-Cornwall. Situated on the western side of the Luxulyan valley in the midst of a dense wood, the existence of a mine was scarcely known until within the last year or two. A careful survey showed that the surface of one of the lodes in the sett had been worked upon by the ancients, but although very careful investiful survey showed that the stirface of one of the lodes in the sett had been worked upon by the ancients, but although very careful investigations were made in the neighbourhood not even the proverbill "oldest inhabitant" was able to give any information as to the origin of these workings. Subsequent enquiries, however, elicited the fact that the mine was worked in the reign of Queen Elizabeth, by German miners brought over by Houghetter and Schutz, and from the primitive and rude manner in which the operations (which were confined to the surface) were conducted, it was evident that the workings were 300 years old or more.

After clearing a large open space in the wood, pits were sunk at various points; and besides the lode before alluded to, which has been designated "Rashleigh lode," and which is from 8 ft. to 13 ft. wide, four other lodes have been discovered, each from 8 ft. to 10 ft. in width. Any one of these is sufficient to form a mine of itself, but the system of development now in progress provides for the whole

four other lodes have been discovered, each from 8 ft. to 10 ft. in width. Any one of these is sufficient to form a mine of itself, but the system of development now in progress provides for the whole mine being opened up on a most extensive scale. There is probably no mining property in Cornwall which possesses such natural advantages as this. From a geological point of view the situation is everything that can be desired, as the junction of the killas, or clay-clate, and the granite occurs within a short distance to the south-east, and underlies into the Lady Hashleigh Consols Mine. Such a location, as every miner knows, is most favourable for the production of mineral, and indeed, whenever the junction of the killas and the granite occurs profitable mines are almost invariably found, as witness Dolcoath, Tincroft, East Pool, Carn Brea, &c. The great feature of the property, however, is its situation on the slope of a steep hill which rises rapidly from the Luxulyan river to a vertical height of more than 200 ft. This will enable the mine to be worked by means of an adit level, which is now being driven in at the foot of the hill, and which will give the command of 45 ms. of perpendicular backs. As the drainage of the mine and the extraction of the tinstuff will be effected by means of this adit, no pumping or drawing machinery will be necessary, and thus not only will a large preliminary outlay in pumping and winding-engines, boilers, and pumps be avoided, but a heavy annual charge for maintenance, of many hundreds of pounds, will be saved. As mine adventurers know to their cost, the pumping question is the great bugbear with which they have to deal, but in the case of Lady Hashleigh Consols Dame Nature has solved the water difficulty for the benefit of the fortunate shareholders. Even for working the stamps and buddles no steamengine will be required, as the power will be supplied by a series of shareholders. Even for working the stamps and buddles no steams engine will be required, as the power will be supplied by a series of water-wheels, and thus, at all events until all the lodes are taken out above the adit (which will be a work of many years), it is probable that a permanent steam-engine will not be necessary.

The means of transit to and from the mine leave nothing to be desired. Immediately adjoining the descript forces is Messra Treffrys' and the stamped a

desired. Immediately adjoining the dressing-floors is Messrs. Treffrys tramway, which joins the Cornwall Minerals Railway at St. Blazey on its way to the Port of Par, and at a short distance is the main line on its way to the Port of Par, and at a short distance is the main line of the Cornwall Minerals Railway running from Newquay to Par. The proprietors have also constructed a cart road from the dressing-floors through the wood to the high road near St. Blazey, thus avoiding the steep road leading to the top of Prideaux Wood. In mining it is always satisfactory to have rich neighbours, and it will be found that Lady Rashleigh Consols is surrounded by mines which have proved highly remunerative, such as Fowey Consols, which paid 1250,0001, in dividends, West Fowey Consols which paid large profits, Par Consols which paid 250,0001, East Crinnis 110,0001, Great Crinnis 200,0001, and Wheal Eliza, which is now said to be making an annual profit of from 20,0001 to 20,0001. 200,000L, and Wheal Eliza, which is now said to be making an annual profit of from 20,000L to 22,000L. Upon a recent visit of an expert to the mine he found that a large opening had been made in the wood, and that all the old surface workings had been cleared of the dobris with which they were formerly filled. Two shafts were sunk on the Rashleigh lode to depths of 12 fms. and 5 fms. respectively, and a new adit was being driven. A substantial office and storehouse were erected, and a saw-pit made where several large trees, recently felled, were being sawn into stamp lifters. A space was levelled for dressing-floors, and excavations for the wheel-pit had been commenced. Two massive stamp-axles and other machinery were on the ground, and preparations were made for putting in a battery of 24 stamps, which were then on the ground. From the prospectus, already referred to, it will be observed that among the directors are Alderman Edwards, of Wolverhampton; Mr. Alexander Fowler, a director of the Organos Gold Mines and other companies; Mr. R. H. Laurie, Revising Barrister for the county of Northumberland, and the Honorable Walter Sugden. With such a board of directors, and such a property, a satisfactory future for the company may be expected, and the results of its working will be looked forward to with great interest. ward to with great interest.

MINING ON LAKE SUPERIOR .- The Calumet and Hecla Mining Company has declared its regular quarterly dividend of \$5 a share, or a total of half a million dollars on its capital stock. The Calumet and Hecla, one of the richest copper mines in the world, has eight shafts, the deepest of which is 2500 ft., while the average of the eight is about 2000 ft. From each of these shafts, at a distance of 75 ft., run two levels to the extremities, say each of them three-eights of a mile long. The total length of the drifts would then amount to about 25 miles. To keep these workings safe between 2000 and 4 000 000 long are used every year. The Calumpt and 3,000,000 and 4,000,000 logs are used every year. The Calumet and Hecla engine can hoist and the mine can produce 1500 tons a day, but the rule is that the production shall not exceed 1000 tons. On reaching the surface the ore is loaded in cars and hauled by locomotives over the company's road to the stamp mill, five miles distant, where it is crushed for the smelter.

MICHIPICOTEN .-- The company are, says the pushing operations on an extensive scale, sparing no expense in the progress of the development and doing everything in a thorough and substantial manner, which not only reflects great credit on ther enterprise but also tends to prove that they have large faith in the resources of their property, which is about 30,000 acres in extent. The company are putting in a shaft 17 ft. by 12 ft., which is now down about 50 or 60 ft., but which is to be sunk to a total depth of 600 ft. about 50 or 60 ft., but which is to be sunk to a total depth of 600 ft. After reaching that depth they will commence to cross-cut. There are now about 150 men working on the Island in connection with the company. All the rock excavated is being saved for the crusher. The smaller shafts are being straightened. The main shaft will be well timbered, and will have a double skip and pump, and they will probably put in a new engine. The diamond drill has been constantly at work since July, and has tested to a depth of about 1500 feet in places off the main vein, and have found veins of the same character as that of the main vein. The general course of the vein is about east and west, and has been traced for five or six miles. It has an average width of about 10 ft. The percentage of copper to the ton of rock is about 29. It is mostly shot copper and stamp rock, with some barrel rock, but no masses have so far been discovered. The machinery for the crusher is now on the group 4 7" so company are doing everything possible for a thorough development, and their faith in future dividends is unlimited.

Meetings of Bublic Companies.

BASSET AND BULLER CONSOLS MINING COMPANY.

BASSET AND BULLER CONSOLS MINING COMPANY.
An extraordinary meeting of the shareholders was held at the offices of the company, Gresham-street, yesterday;
Mr. Herry Maudslay, M.I.C. and M.E., in the chair.
Mr. Robert Makepeace (the secretary) read the notice convening the meeting, which stated that it was called for the purpose of electing directors, and an auditor, &c.
The Chairman said the first business was to elect directors of the company, and it was for the shareholders to decide who those directors should be. So far the committee of management had conducted the formation and working of the company.
Mr. W. C. Parkinson moved the election of Major Charles Castle, J.P., of Stapleton, near Bristol, as one of the directors of the company.
Mr. R. C. Forster seconded the motion, which was carried unanimously.

Mr. R. C. Forster seconded the motion, which was mously.

Major Castle, in returning thanks for his election, said he intended to increase his stake in the company, for he believed they had an exceedingly fine property, and one which only required energy and capital to yield good returns. Major Castle then proposed the election of Mr. William Ellison, of Bramley Hill, Croydon, and Mansion House-buildings, E.C., as a director.

Mr. Topping seconded the proposition, remarking that Mr. Ellison was a good man of business and a gentleman of integrity, who would not advise anybody to enter a concern in which he had not the utmost confidence.

onfidence.
Mr. Younghusband supported the proposition, which was also carried

none of the shareholders would ever regret naving joined the company. (Hear, hear).

The Charman added that he also had visited the property, as he stated at the informal meeting of the company held a few days ago, and it was most desirable that they should lose no time in developing such a valuable and interesting mine. He confirmed all that Major Castle and Mr. Ellison had said, and expressed his confidence in their manager. Captain Pryor.

such a valuable and interesting mine. He confirmed all that Major Castle and Mr. Ellison had said, and expressed his confidence in their manager, Captain Pryor.

Major Castle then proposed the election of Mr. Maudslay (the Chairman) as a director of the company, believing that that gentleman would be a very valuable acquisition to the board.

Mr. Watson Smith, in seconding the proposition, said he had been underground at the mine, and he was highly impressed with its value and importance. He thought that no property in the West of England had better prospects, and but for the mismanagement of the previous workers it would not have come into the possession of this company. The Old East Wheal Basset Company had endeavoured to obtain the adjoining ground, but failed to do so.

The proposition having been adopted,

The Chairman said that the difficulty to which Mr. Smith had referred did not exist in this company, as they had acquired all the three properties—viz., East Wheal Basset, Copper Hill, and Wheal Buller. He had the utmost confidence in the future of the mine, and believed that the shareholders would never have cause to regret their investments in this company.

On the motion of Mr. Younghusband, seconded by Mr. Topping, Mr. J. B. Ball was appointed auditor for the current year.

The Chairman said that as he had only recently joined the committee of management he could, without any cgotism, tell the shareholders that that committee had most ably and most zealously conducted the affairs of the company up to the present time, and without any remuneration, and he thought those gentlemen were entitled to the thanks of the shareholders. (Hear, hear.) The directors would at once order an engine, and push the works forward as rapidly as possible, so that the shareholders might soon obtain a dividend on their outlay.

On the motion of Mr. Smith, seconded by Mr. Younghusband, a cor-

On the motion of Mr. Smith, seconded by Mr. Younghusband, a cordial vote of thanks was passed to the members of the committee of management for their unremunerated and valuable services to the

management for their unremunerated and valuable services to the company.

Mr. Parkinson, in returning thanks for the committee, said the best way in which the shareholders could show their appreciation of the services of the committee was by backing them up with increased subscriptions for shares.

The Solicitor stated that the Articles of Association provide that the number of directors should be not less than four nor more than seven. At present they had only elected three. It was therefore proposed to adjourn that meeting for a few days, in order to receive the decision of a gentleman of position, who had been asked to take a seat at the board.

It was then arranged that the adjourned meeting should take place.

board.

It was then arranged that the adjourned meeting should take place at the offices of the company on Tuesday, the 20th inst., at 1.30 p.m.

Mr. Forster thought the shareholders would be interested in knowing that at West Wheal Basset, which was within 50 fathoms of their property, the lode coming in the direction of Basset and Buller had recently increased from a value of 12t. to one of 25t. per fathom, and the lode was 6 ft wide. This was certainly a very encouraging feature for them; the improvement in value in these shares being from 20 to 30 per cent.

from 20 to 30 per cent.
On the motion of Mr. Ellison, seconded by Mr. Forster, a cordial

ote of thanks was passed to the Chairman.

The CHAIRMAN briefly acknowledged the compliment, and the leeting was then adjourned as arranged.

NORTH WALES FREEHOLD COPPER MINES AND SMELTING COMPANY.

The first ordinary general meeting of this company was held a few days ago at the Adelphi Hotel, Llandudno. An inspection of the mines, which are in the vicinity of the town, took place the ame day.

The proceedings commenced by one of the directors present—Mr.

The Secretary having read the notice convening the meeting,

through illness of General Downing.

The Secretarry having read the notice convening the meeting, and afterwards the report,
The Chairman reminded the shareholders that, although it was not customary to submit any report or accounts at the statutory meeting, the directors had preferred at the earliest opportunity to acquaint the sizercholders with the course they had taken, and to seek from them collectively the support which they had obtained from so many of the shareholders individually. He then detailed at some length upon the alterations which the directors had made in the working of the mine, and on the substitution of the new machinery for a portion of what was already on the ground. He pointed out that the directors had, apart from their other duties in connection with the mine, made personal and most minute inspection of the mines themselves on several occasions, and that what they had done had been after consulting and obtaining the best davice they could on the subject. He then referred to the inspection which had been that day made, which seemed fully to justify the board both in the course which they had taken and the anticipations which they had formed of what the mines were capable of doing in the future. He stated that the board had succeeded in securing the services of a gentleman well known in the mining world. Capt. H. B. Vercoe, who came to them strongly recom mended, as beside being a thoroughly practical miner, is a man of undoubted honesty and integrity, and one upon whose reports both they and the shareholders of the company could at all times most implicitly rely. He explained the circumstances under which it had become necessary to withhold deliveries of the ore to the smelters until the new machinery was completed, but as the whole of the machinery was now in situ, and erected and at work, sales of the orea would now be limade in the usual course. He proceeded to refer to the arrangement which the board had succeeded in making with the vendors of the board had been to effect a saving t

PONTGIBAUD.—The annual general meeting was held in Paris on Nov. 30, when the reports and accounts were received and unanimously adopted. The net profit for the year ended June 30 was deemed too small to permit of the payment of a dividend at present, but the hope was confidently expressed that, with the large reductions in the cost of manufacture of the various metals at Coueron and the improved prices of metals, the current year's accounts would show a much

larger profit—in fact, these causes had already operated most beneficially in the first four months of the current year. Printed copies of the reports and accounts will be ready shortly. The report of the manager, Capt. W. N. Bickard (Dec. 2), is very satisfactory.

[For remainder of Meetings, see to-day's Supplement.?

MARKET ECHOES AND MINING MATTERS.

MARKET ECHOES AND MINING MATTERS.

The statistics of tin continue to show a steady decrease in stocks and with the known small quantity in London (5520 tons only) and a monthly (and increasing) consumption of something like 1500 tons, it seems pretty clear that a further substantial rise cannot long be delayed. The market all the week has been very firm, and as advance of quite 3l. has been established. There seems to be little fear of any large increase in Australian or other foreign supplies—about the only thing tin mine adventurers need consider at present; indeed, we observe that at the late Tincroft meeting the manager, who can speak with some authority on the subject, stated that there was "no probability" of this occurring. Copper has been also again very buoyant at a marked rise. We must still admit, however, that the home mining share market is lagging behind the metal market, but it is impossible that two of the important metals can continue to rise without the prices of shares sooner or later advancing considerably. There is already a marked increase in the demand for foreign copper shares, such as Cape Copper, Panulcillo, and Copiapo. Amongst home mines Wheal Crebor have been in exceptional demand, and the price has advanced from about 3, to 33, 42.

demand for toreign copper shares, such as Cape Copper, Panulcillo, and Copiapo. Amongst home mines Wheal Crebor have been in exceptional demand, and the price has advanced from about 3, to 33, 4½.

Although the year's accounts of the Ruby and Dunderberg Company show a small loss, there appear to be very strong chances that the shareholders will be possessed of a very profitable property when the mines have been more fully developed. The district where these mines are situated—the Eureka (Nevada), the district of the celebrated Richmond Mines—is one of the richest, if not the richest, for silver and lead in the Western States, although an outlay of capital upon a large scale seems always to be required for the profitable development of its mines. But if the original outlay is great the profitare generally on a proportionate scale. The great success of their more known neighbours—the Richmond, and other Eureka mines—should inspire the shareholders with strong hopes for the future. There is one point, however, in connection with the accounts which we think calls for some notice, The London expenses seem high. A sum of 1000L per annum for the directorate is surely too much for the shareholders to pay whits a loss is being made. But for this excessive remuneration this loss on the year's working—586L—words not have occurred. It is not our intention to advance the proposition that the directors should not receive a fair remuneration for their services. We simply think that the amount charged is too much in the present state of the company's affairs. The geneal expenses of administration appear also to be very high. Under this head a run of about 4000L (excluding the directors' remuneration of 1000L) is charged to the accounts. There seems to be room for pruning bero.

An improvement is reported at the Van Consols Mine of the United Van Consols and clyn, but little as to the details of the improvement appears to be known at the London offlee. This is not as it should be. An improvement and the value consols and clyn,

INVESTMENT NOTES.

INVESTMENT NOTES.

The prices of both tin and copper show a good advance since last week; and, although the mining market is not overwhelmed with business, there will, no doubt, be an eager enquiry for sound and cheap shares for the middle of January settlement. In order to profit by the rise which must ensue we urge our clients and readers to exercise caution, and obtain experienced advice. To purchase shares in recognised market mines with hopful prospects, and to buy when the price is low, before it becomes inflated, are rules which every investor should observe. It was but a fortnight since that attention was called in these notes the price is low, before it becomes inflated, are rules which every investor should observe. It was but a fortnight since that attention was called in these notes transacted in them. It must be remembered that besides the Baidbu lode, which has increased in value from 154, to 604, per fathom, there are two other most important tin lodes—the Pink lode, which will shortly be cut, and the celebrated Kitty lode. With a capital of 25004, in hand, and tin being raised and sold, the shares are a first-class speculation at present prices. Another feature of the week is an improvement in the price of Wheal Crebor shares. Our only surprise is that they are not selling at 54, at this moment, considering the certainty of both cutting the lode rich below the 120, and of a great rise in copper. As a good mine investment shares are safe to buy.

There has been a good enquiry for Devon Friendship shares, and large orders have been executed. Much satisfaction and even astonishment has been expressed after a perusal of the report of the meeting on the mine, many people having had no idea of the magnitude of the property, or of its excellent prospects of immediate success. Those investors who have a preference for limited liability where would, we think, do well to acquire an interest in Devon Friendships, while the shares can be obtained at about par. Turning to higher price shares a good improveme

From Mr. JOHN B. REYNOLDS: —The stringency of the Money Market has had an unfavourable effect on prices during the week. Moreover, holders of stock have been in a position of late to make

Market has had an unfavourable effect on prices during the week. Moreover, holders of stock have been in a position of late to make large profits, and evidently these profits have in the majority of cases been taken. In addition to this, the depression has been aided by over sanguine speculators for the rise, who are even now inconvenently full of stock. These parties will, probably, come out well if they can hold on for a little while longer, as it is perfectly obvious, in the face of the statistics now before us, that persons who have good stock are in a position safety if they are strong enough to hold out during a crisis which, probably, has not yet reached its height. The shares adversely affected have been those of our largest mines, such as Dolcoath, West Basset, &c.

The meetings which were held last week have produced, as was expected, a favourable impression, and the Wheal Peevor shareholders seem to have good ground for expecting regular and profitable returns for some time to come, whilst West Kitty proprietors have the best proof for knowing beyond the possibility of a doubt that their mine is going straight into the Dividend Listafter the parment of 3500f, purchase-money and 5 per cent, per annum interest from November, 1879. In addition to this payment, however, it must be remembered that they will have to spend about 1500f. more to complete their stamping machinery. All this is a mere bagatelle for this property, and since the meeting both the 7 and 82 fm. levels have improved. But in strong and painful contrast to this comes Wheal Coates (Limited) meeting, where no less than about 10,000 out of 12,000 shares in the company were represented, and at which unconditional resolutions were passed for an absolute winding-up, with an unanimity which in dicated the strong business-sense views the shareholders took of the situation. The mine will be sold to the highest bidders, either by public auction or by public tender, and Mr. Battye, one of the leading mining gentlemen in the City, was appointed liq

MINING IN AUSTRALIA.—The correspondent of the Glasgow Herald, writing from Melbourne (Oct. 25) says:—From several Vic-Herald, writing from Melbourne (Oct. 25) says:—From several Victorian gold fields good reports come of yields especially from quarts. Ballarat, Dunolly, and some parts of Gippsland are specially mentioned. Several new companies have recently sprung into existence, and with large capital are working on private ground that has been leased to them of favourable terms. But the most astonishing accounts of rich findings come from Temora in New South Wales. Recently the escort to Sydney took down 4000cs. of gold, and left 1000 oz. behind. Some extraordinary rich specimens have been got at Temora, some of which contained 10 ozs. to 20 ozs. of gold, the specimens being estimated as worth from 1000t. to 1500t. Some Melbourne men when there to examine the ground say there) are tons of gold to be found on that field. It was at Temora where Miss Slattery's singing incited the diggest to pelt her with nuggets on more than one occasion. Such bouquets smell very sweetly. Ti forming of s invest in tin pany—was i cations reac Tin Compan promise are

DEC.

CORNIS ealer, R vanced, and price hares have cook's Kite Bisset, ¼. 6 to 26 ½; 14 ½; East New Cook' Phænix, 3 3 outh Crook West Kitty Polymen, 1 the polymen. 1 Polbreen, 1 Basset, 6 t Grenville, Wheal Pee Wheal Uny

— Mr. J There has I the whole I in which In the great fl yei snyon Brea, 28 to Dolcoath, 15s; Killi New Cook North Here 3½ to 3½; to 11½; Sout 2 to 2½; to 13¾; When Wined Jew Wheal Pre Wheal Pre - Messr writes:-I 1081.5s. cas ing advance to do busin Quotations

Quotations chen, 28½ 1½ to 1½ 3½ to 3½ 45 to 50; 16½ to 16; to 9; Wes 18½; Wes Wheal Bas Wheal Pec Providence Providence
— Mr. 1
shown but
steady advertees. So
Marke Val
1½ to 1½
East
Glasgow C
½, c. p.;
1½ to 1½
foot, ¾ t
Prince of Prince of 11¼; Sout 16 to 16½; ¼ to 5½; 1½; Wheal Grundane, 13½ Frances, 1 tin at 62½.

- Mr. tone has tone has tone has tone has tone has tone he set nexed: -129½; Dol 15s.; Kill 4½; New an-drea, South Cr. West Bas 15; West Wheal Ag Wheal Pr Kitty, 8½ TREG

by a st

Crenver Derry fo the min have be of high authorit with the tive run

1.

in the counts Dec. 2),

locks

g be

ated

n in 3, to

that
nines
ted—
ne of
ough
rofitrofits
nown
hareinecnuch
ssive
rred.
I not

Van or be at at same riod, s de-le to

tz.

eetly. Tin mining, associated with gold mining in Tasmania, has led to the ming of several Melbourne companies. Great eagerness has been shown to yest in tin mining in the colony. One company—the Oliff Tin Mining Company—saltely launched, the shares of which numbered 30,000, and the applitions reached 100,000. Another company—the Mcbourne and Heemskirk n Company—have struck a lode reported to be 20 ft, thick. Others of great remains are reported from Tasmania.

PROVINCIAL STOCK AND SHARE MARKETS.

PROVINCIAL STOCK AND SHARE MARKETS.

CORNISH MINE SHARE MARKET.—Mr. S. J. DAVEY, mine share-dealer, Redruth (Dec. 8), writes:—A better demand for shares agrang up in the earlier part of the week in our market, prices advanced, and more business was done, but later the demand fell off, and prices became easier. To-day market is extremely quiet, and shares have not responded to the advance in metals. Carn Breas advanced 1, Cook's Kitchens 3, East Pools 1¼, Killifreth ¼, West Basset ½, and Wheal Isseet, ¾. East Blue Hills also advanced. Prices are as follows:—Carn Breas, 25 to 28½; Cook's Kitchen, 29 to 29½; Dolcoath, 90 to 91; East Pool, 44¼ to 44¼. Cook's Kitchen, 28 to 29½; Dolcoath, 90 to 91; East Pool, 44¼ to 5; New Cook's Kitchen, 5 to 5½; New Kitty, 1½ to 2½; North Busy, ¾ to ½, North Busy, ¾ to ½, Killifreth, 33s, to 35s.; Mellanear, 4½ to 5; New Cook's Kitchen, 5 to 5½; New Kitty, 1½ to 2½; South Frances, 16½ to 15%; Theroft, 18½ to 19; West Basset, 14½ to 15; West Frances, 16½ to 18; West Kitty, 9½ to 9; West Besor, 15 to 15½; West Poldice, 6 to 6½; West Basset, 6 to 6½; Wheal Peevor, 12½ to 13ane, 25s. to 27s 6d.: Wheal Jewell, ½ to ½; Wheal Peevor, 1½ to 12½; Wheal Right Peevor, 1½ to 12½; Wheal Peevor, 1½ to 15; Wheal Peevor, 1½ to 12½; Wheal Peevor, 1½ to 12½; Wheal Peevor, 1½ to 14; Wheal Peevor, 1½ to 15; Wheal Peevor, 1½ to 14; Wheal Peevor, 1½ to 14; Wheal Peevor, 1½ to 14; Wheal Peevor, 14 to 14; Wheal Peevor

Yneal Peevor, 12% to 12%; Wheal Kitty, 35 to 3/; Wheal Prussia, 1% to 12; wheal Uny, 33/4 to 4.

— Mr. J. H. Reynolds, stock and share broker, Redruth (Dec. 8), writes:—
here has not been much change in the share market during the week, prices on he whole ruling a little easier, except in the case of Wheal Basset, the shares a which mine have advanced to 6½ on a good improvement at the 112 west on he great flat lode, worth over 201, per cubic fathom. The width of the lode not per shown. Subjoined are the closing quotations:—Blue Hills, 2 to 2½; Carn force, 25 to 23/5; Camborne Vean, 103, to 12s. 61; Cook's Kitchen, 23½ to 29½; Carlo 196 to 90½; East Pool, 44½ to 44½; East Blue Hills, 12s. 6d. to 5z.; Killifreth, 15% to 1½; Marke Valley, 1¼ to 1½; Mellanear, 4½ to 5; New Kitty, 2 to 2½; North Busy ½ to 3½; Corth Herodsfoot, 10s. to 12s. 6d.; North Penstruthal, 55 to 5; Penhalls, 1¼ to 1½; South Condurrow, 11 to 1½; South Orofty, 9½ to 10; South Frances, 16½ to 16½; South Tolcarne, 15 to 1½; West Phenon, 3 to 3½; Penhalls, 1¼ to 1½; South Condurrow, 11 to 1½; South Orofty, 9½ to 10; South Frances, 16½ to 16½; West Police, 6½ to 18½; West Police, 6½ to 18½; West Police, 6½ to 16½; West Police, 1½; 11½; University 11½; University

Wheal Prussia, 1½ to 2; Wheal Uny, 3½ to 4; Wheal Jane, 1½ to 1¾.

— Messrs. Anbort and Wickett, stock and share brokers, Redruth (Dec. 8), writes:—During the past week the price of tin has advanced daily, and to-day 10gf.5s. cash was paid for Australian. This has not been followed by a corresponding advance in the price of shares, and at present there is not much disposition to do business. With the new year we may reasonably look for greater activity. Quotations annexed:—Blue Hills, 2 to 2½; Carn Brea, 26 to 25½; Cook's Kitchen, 23½ to 29; Dolcoath, 90 to 90½; East Pool, 44½ to 44½; Killifreth, 1½ to 1½; New Cook's Kitchen, 4½ to 50; South Condurrow, 11 to 11½; South Crotty, 9½ to 10; South Frances, 15½ to 15½; Unit Provided to 15½; West Provided to 15½; West Frances, 17½ to 15½; West Poldice, 6 to 6½; West Peevor, 14½ to 15; West Frances, 17½ to 15½; West Tolgus, 25 to 30; West Seton, 15 to 16; Wheal Agar, 14½ to 15; Wheal Basset, 5 to 6½; Wheal Grenville, 11½ to 11½; Wheal Juny, 3% to 4; West Providence, 1½ to 1½; Wheal Juny, 3% to 4; West Providence, 1½ to 1½; Wheal My, West Providence, 1½ to 1½; Mr. W. Bawder, Liskeard (Dec. 8), writes:—The mining market has

Wheal Peevor, 12 to 13; Wheal Prussia, 1½ to 1¾; Wheal Uny, 3¾ to 4: West Providence, 1¼ to 1½.

Mr. M. W. BAWDEN, Liskeard (Dec. 8), writes:—The mining market has shown but little improvement during the week, and most shares are firm. The steady advance on tin and copper has not materially effected any change in prices. South Caradon shares have receded to 35 sellers. Devon Consols and Marke Valley a shade better. Subjoined are the closing prices:—Bedford United, 1½ to 1½; Carm Brea, 25 to 25½; Cook's Kitchen, 25½ to 29; Dolcoath, 90 to 90½; Devon Consols, 7½ to 8; East Caradon, ½ to 29; Dolcoath, 90 to 90½; Devon Consols, 7½ to 8; East Caradon, ½ to 23; Dolcoath, 90 to 90½; Devon Consols, 7½ to 8; East Caradon, ½ to 3½; East Brool afoot, 1 to 1½; East Lovell, 3½ to 3½; East Caradon, ½ to 3½; East Garadon, ½ to 3½; Cook's Kitchen, 25½; East Hevodsfoot, ¾ to ½; Oradon, ½ to 3½; Caradon, ½ to 3½; Caradon, ½ to 3½; Caradon, ½ to 1½; Wouth Caradon, 1½; Killifreth, 1½ to 1½; Marke Valley, ½ to 1½; Mount Carbia, 3 to 3½; New West Caradon, 3½ to 3½; Caradon, ½ to ½; Orath Herodsfoot, ¾ to ½; Orath Herodsfoot, ¾ to ½; Orath Herodsfoot, ¾ to 1½; Wheal Herodsfoot, ½ to 1½; Wheal Herodsfoot, ½ to 1½; South Crofty, 10 to 10½; South Devon United, 1½ to 1½; South Frances, 16 to 16½; Wheal Mary Ann, ½ to 1; West Crebor, ¾ to ½; West Caradon, ½ to 3½; Wheal Grenville, 12½ to 12½; Wheal Uny, 4½ to 4½; Wheal Jane, 1¾ to 1½; Wheal Agar, 14 to 1½; Wheal Hony and Trelawny, 2½ to 2½; Wheal Jane, 1¾ to 1½; Wheal Seete, 6 to 5½; Wheal Uny, 4½ to 4½; Wheal Jane, 1¾ to 1½; Wheal Jevor, 12 to 12½; Wheal Uny, 4½ to 4½; Wheal Jane, 1¾ to 1½; Wheal Jevor, 12 to 12½; Wheal Uny, 4½ to 4½; Wheat Intel® Caradon, 3½; Wheal Seete, 6 to 5½; Wheal Uny, 4½ to 4½; Wheat Intel® Caradon, 3½; Wheal Seete, 6 to 5½; Wheal Uny, 4½ to 4½; Wheat Intel® Caradon, 3½; Wheal Seete, 6 to 5½; Wheal Uny, 4½ to 4½; Wheat Intel® Caradon, 3½; Wheal Seete, 6 to 5½; Wheal Uny, 4½ to 4½; Wheat Intel® Caradon, 3½; Wheal Seete, 6 to 5½; Wheal Uny, 4½ to 4½; Wheal Mary, 4½

in at \$21, 10s. per ton, the produce of four weeks working.

— Mr. John Carren, mine sharedealer, Camborne (Doc. 8), writes:—A dull tone has been noticeable in the Cornish share market after a slight spurt early in the week. Very little fresh business has been transacted since the completion of the settling, and prices generally are again lower. Closing quotations annexed:—Blue Hills, 1½ to 2; Carn Brea, 26 to 28½; Cook's Kitchen, 28½ to 29½; Dolcoath, 89½ to 90½; East Pool, 44 to 44½; East Blue Hills, 13s. to 15s.; Killifreth, 33s. to 35s.; Mellanear, 4½ to 4½; New Gook's Kitchen, 4 to 4½; New Kitty, 1½ to 2; North Busy, 13s. to 15s.; Penhalls, 1 to 1½; Pednaph-dra, 3½ to 35½; South Caradon, 30 to 35; South Condurrow, 11½ to 11½; endipper and the control of th

The other Markets were unavoidably crowded out.

TREGURTHA DOWNS AND OWEN VEAN MINES.—These mines, situate in St. Hilary and Perranuthuse, are to be immediately worked by a strong company, forming under the auspices of Mr. H. R. Lewis, of Bartholomew House, London, and an 80-inch engine, with five boilers weighing 14 tons each, was last week purchased at Crenver and Wheal Abraham Mines by Mr. M. Loam and Mr. Wm. Derry for the purpose of pumping. The Tregurtha Downs portion was worked upwards of 40 years ago, and was very productive of tin, but as the machinery was totally inadequate to the requirements of the mines (the pumping engine being of 40-inch cylinder only), and tin ore at the time fetching less than 40% per ton, the works were abandoned. Since then the whole of the large burrows of halvans have been carted to a considerable distance, and stamped at a profit to the operators, which speaks highly in favour of the richness of the lodestuff. Owen Vean has in times past been very productive of high percentage copper ores. It is generally believed by the best authorities of the county that the resuscitation of these properties, with the greatly improved mining appliances and factors of the present day, will result in opening up an extensive and highly productive run of mines to favourably compare with the most profitable known Marazion district.

LEAD ORES.

Mines, Loi	IS. I	TICE	her	647	880	T di cimocioi
Dec. 3-Isle of Man100	0	£10	10	0		Adam Eyton.
8—Talargoch :—						
Maesyrewddu 40		10	7	6	*****	Walker, Parker, & Co.
ditto 35			5	6		ditto
Coetia Llys 20			18			ditto
-North Hendre 25			12	6		ditto
- ditto 25		9	12	6		Quirk, Barton, and Co
-Rhosesmor 50 - ditto 50		9	15	6		ditto
- ditto 56		9	16	6		Adam Eyton.
-Rhydalun 25		0	6	6		ditto
-East Long Rake 15		9	13	0		Walker, Parker, & Co.
-Pioneer 10)	9	1	6		Adam Evton.
-Fron Hall 23	3	9	7	6		Quirk, Barton, and Co
-Uchaf 25		9	2	6		Walker, Parker, & Co.
		10	15			Nevill, Druce, and Co.
		10	18			ditto
- ditto 40			1	6		Goodhart and Co.
- ditto 40		10	18	0		ditto
- ditto 40		10	15	0		ditto
-Roman Gravels200)	9	13	6		Walker, Parker, & Co.
-East Roman Gravels 40)	9	13	6		ditto
9-South Darren 45	5	14	12	6		Sheldon, Bush, & Co.
BI	EN	DE				
Date, Mines Ton	19. P	rice	ner	to	n.	Purchasers.
Dec. 7—Talargoch10)3	£3	12	6		Crown Zine Co.
- ditto10	13	3	12	6	******	Vivian and Sons.
- ditto	34	. 3	12	6		Pascoe, Grenfell, &c.
8 - Van20	0	2	16	6		Vivian and Sons.
-East Roman Gravels 2	20	2			******	ditto
addition Graveis a			-0		*****	

COPPER. Date. Mine. Dec. 9—South Darren — ditto er ton. Purchasers.
6 Nevill, Druce, and Co.
6 Vivian and Sons.

Registration of New Companies.

The following joint-stock companies have been duly registered:-

The following joint-stock companies have been duly registered:—
THE INDO-CHINA STEAM NAVIGATION COMPANY (Limited).—
Capital 1,200,000/., in shares of 10/. To purchase, take over, and work the business of the China Coast Steam Navigation Company, the Yangtsze Steam Company, and that of Messrs. Jardine, Matheson, and Co. The subscribers (who take one share each) are—W. Keswick, 2, Lombard-street; J. Macandrew, 3 Lombard-street; J. M. Macdonald, 95, Harley-street; G. B. Hamilton, 2, Cushion-court; J. J. Keswick, 3, Lombard-street; A. M'Gregor, 1, East India Avenue; T. W. Meater, Wimbledon.
THOMAS BARRACLOUGH AND COMPANY (Limited).—Capital 30,000/., in shares of 10/. To acquire and carry on an established engineering business at Manchester. The subscribers (who take one share each) are—E. Potts, Manchester; W. H. Hunstone, Manchester; G. Clay, Manchester; T. C. Barraclough, Manchester; J. H. Due, Ashton-on-Mersey; J. F. Key, Eccles; W. F. Butler, Manchester. THREE TOWNS STEAM LAUNDRY COMPANY (Limited).—Capital 6000/, in shares of 5/. To establish and carry on in all branches a laundry business in Devonshire. The subscribers (who take one share each) are—W. Davey, Plymouth; J. Hall, Plymouth; P. Willis, Horrabridge; C. M. Jones, Plymouth; G. Jackson, Plymouth; F. Phillips, Plymouth; H. S. Dyer, Plymouth.
STEAMSHIP DONCASTER COMPANY (Limited).—Capital 33,500/., in shares of 100/. To carry on a shipowners' business, limited to one steamer. The subscribers (who take one share each) are—C. Destandance on shape each) are

Plymouth; H. S. Dyer, Plymouth.

STEAMSHIP DONCASTER COMPANY (Limited).—Capital 33,500l., in shares of 100l. To carry on a shipowners' business, limited to one steamer. The subscribers (who take one share each) are—G. M. Sterar, Liverpool; E. Mounsey, Liverpool; J. Burry, Liverpool; J. G. Kenney, Liverpool; J. O. de Wolfe, Liverpool; J. Rounsefell, 2, East India Avenue; J. Matthews, 6, Billiter-street.

The London And Great Yarmouth Steam Trawling and Carrying Company (Limited).—Capital 100,000l., in shares of 5l. The working of steam trawlers, the cultivation and sale of oysters, and the carrying on of fisheries of every kind. The subscribers (who take 40 shares each) are: A. F. Greville, Sunninghill; F. D. Palmer, Great Yarmouth; E. P. Youell, Great Yarmouth; T. H. Pearson, Naval and Military Club; Sir K. H. Kemp, Norwich; T. E. Bouwers, 30, Mark-lane; F. Newman, 3, Crosby-square.

STEWART AND COMPANY (Limited).—Capital 3000l., in shares of 10l. To acquire and carry on a spring mattras manufacturing business at 124, Newgate-street. The subscribers (who take one share each) are: A. Scott, Sevenoaks: J. Franklin, Westbourne Park; S. Lewis, 92, Palace Gardens; R. H. Granville, Greenhithe; W. C. Vokes, Chelsea; J. M. Moody, 6, Holland Park-terrace; T. Lewis, 16, Queen-street.

Lewis, 92, Palace Gardens; R. H. Granville, Greenhithe; W. C. Vokes, Chelsea; J. M. Moody, 6, Holland Park-terrace; T. Lewis, 16, Queen-street.

The Central Metropolitan Railway Company (Limited). Capital 800,000l., in shares of 10l. To construct, equip, and work a railway from Westmitster to Gray's Inn-road, and from Charing Cross to Euston Station. The subscribers (who take one share each) are: E. J. Honychurch, 70, Queen Victoria-street; G. Garratt, 33, Gunter Grove; R. Soovell, Forest Gate; F. W. Pimtoul, Camberwell; H. Clifford, Hammersmith; C. A. Vignoles, Southampton; G. S. Ullathorne, Wandsworth.

The Packing-Case and Box Manufacturing Company (Limited).—Capital 100,000l., in shares of 1l. To carry on the business of box, case, &c., makers. The subscribers are—J. C. Wakefield, 25, Holland Villas-road, 250; J. Stanley, 41, Gloster-terrace, 250; J. F. Laver, 11, Pembridge Gardens, 250; E. F. H. Fortescue, Alveston Manor House, 250: F. J. Warner, 14, St. Mary Cray, 1; P. J. Waite, Birchington-on-Sea, 1; J. Stephenson, 26, Suffolk-street, 1.

The Wynaad Reduction and Smelting Corroration (Limited).—Capital 250,000l., in shares of 1l, To make contracts and arrangements with any companies, firms, or persons carrying on mining operations in India or elsewhere for the crushing, smelting, reduction, or amalgamation of ores, pyrites, minerals, and mineral substances. The subscribers (who take one share each) are—H. P. Stone, Framfield; W. H. Thompson, 1, Queen Victoria-street; E. R. Dawson, Ealing; A. Hall, 35, Craven Hill Gardens; T. Webber, Upper Tooting.

The Sale, Ashton-Upon-Merrsey and Brooklands Public Hall Company (Limited).—Capital 6000l., in shares of 1l. To erect and establish a hall, skating-rink, houses, &c. The subscribers are—W. Abercrombie, Ashton, 100; R. Bright, Sale, 100; N. Kilvert, Ashton, 25; C. L. G. Mason, Ashton, 1; J. M'Creadie, Ashton, 50; J. Graham, Ashton, 50; J. T. Milne, Sale, 25.

The Third Standards W. H. Divon Sunderlend. C. Auchinson

THE THIRD STANDARD STEAMSHIP COMPANY (Limited).—Capital 18,000L, in shares of 50L. To carry on a shipowner's business in all branches. The subscribers (who take two shares each) are—J. Bowey, Sunderland; W. H. Dixon, Sunderland; C. Auchinson, Sunderland; W. H. Surtees, Sunderland; J. Thompson, Sunderland; H. Wrighton, Sunderland; J. Dickinson, Sunderland.

THE SNEYD COLLIEBY AND BRICK WORKS COMPANY (Limited).—Capital 150,000L in shares of 5L. To purchase or otherwise acquire a

The Sneyd Colliery and Brick Works Company (Limited).—Capital 150,0001., in shares of 51. To purchase or otherwise acquire a business carried on at Burslem, Staffordshire, with the properties, stock, plant, chattels, and effects belonging thereto, and to continue the trades of coal and ironmasters, miners, coke manufacturers, smelters, engineers, steel converters, iron producers, brick and tile manufacturers, in all their respective branches. The subscribers (who take one share each) are—W. Heath, Burslem; W. A. M. Tellnight, Wolstanton; J. Heath, Burslem; J. Maddock, Alsager; H. Burgess, Alsager; W. Woodall, Burslem; A. Dean, Burslem.

The Perpetual and General Fire Insurance Company (Limited).—Capital 100,0001., in shares of 101. To carry on a fire insurance business in all branches. The subscribers (who take one share each) are—H. D. Stead, 9, Fenchurch-street; H. M. Fooks, Twickenham; Tr. Drever, Clifford Inn; H. Burton, Dalston; F. Cstlin, Leytonstone; W. Fooks, 49, Chancery-lane; J. T. Williams, Temple.

Cstlin, Leytonstone; W. Fooks, 49, Chancery-lane; J. T. Williams, Temple.

The Tynehead Sulphur, Copper, and Lead Company (Limited).—Capital, 75,000L, in shares of 1L. To purchase or otherwise acquire mines and mineral properties, lands, and hereditaments in Cumberland and elsewhere in England or Wales, and any rights and privileges, and in particular to carry out an agreement made between T. N. Wootton, of the one part, and C. E. Mitchell, as trustee for the company, to work, explore, develope, and maintain the mines, mineral properties and works, and to deal in, sell, and dispose of ores, metals, and minerals generally. The subscribers (who take one share each) are—C. E. Mitchell, 176, Clapham-road; T. H. Davies, 13, Grafton-street; Rustonijee Byranijee, 4, Grafton-street; D. Slater, Mincing-lane; T. D. Roper, Mold; A. M. Byng, Quendon Hall; C. S Catty, 74, Talbot-road.

Patent Gas Puripier and Economiser Company (Limited).—Capital 50,000L, in shares of 5L. To acquire, use, and vend certain patents, privileges, and inventions. The subscribers are—B. F. Elderton, Stoke Newington, 1; A. W. Wainwright, Wickham Market, 40; M. D. Garrett, Putney, 1; F. T. G. Archer, 310, Southwark Park-road, 1; J.-A. Pledger, Chelmsford, 20; C. E. Horner, Crayford, 1; T. M. F. Hunt, 25, Queen Anne's Gate, 1.

Park-road, 1; J.-A. Pledger, Chelmsford, 20; C. E. Horner, Crayford, 1; T. M. F. Hunt, 25, Queen Anne's Gate, 1.

THE MIXED ORES COMPANY (Limited).—Capital, 100,0001, in shares of 101. To purchase all the patents and inventions belonging to F. M. Lyte, according to the terms of an agreement, and to develop and work a business in connection therewith. The subscribers (who take one share each) are—F. M. Lyte, Putney; C. C. Wellman, Bath; W. C. Wingfield, Montgomery; W. T. Houldsworth, 5, Cornwall Gardens; W. Clark, 53, Chancery-lane; J. J. Hooper, 1, Harecourt; W. H. Wickham, 14, Essex-street.

THEGARRISON STEAMSHIP COMPANY (Limited).—Capital, 10,5001.

THE GARRISON STEAMSHIP COMPANY (Limited).—Capital, 10,5001. in shares of 25l. To purchase a vessel of that name, and carry on a shipowner's business. The subscribers (who take one share each) are—D. R. Ambrose, Cardiff; W. Gibbon, Cardiff; J. Powley, Cardiff; E. F. Thomas, Cardiff; S. Maltby, York; W. T. Hay, York; J. L. Smith, York.

BRITISH SILVER-LEAD .- The sett is very extensive, and the Great Newborough lode bears south 78 west and underlying north, so that n direction and underlie it is allied and of a similar character to all the other great lead-bearing lodes of North Wales. It is from 3 to

4 feet wide and has been stoped from surface to a depth of 3 fathoms and a length of 7 fathoms. From this excavation 25 tons of silverlead ore has been sold at a good profit from low prices. In the shaft, which is 2 fathoms below the aforesaid stopes, the lode is composed of quartz, blende, and rich lead ore, worth for the latter fully 2 tons per fathom, and increasing in quantity and quality as depth is obtained. The lode has been touched upon at different points by pits for several hundred yards on its course, and shows precisely the same character as the stopes above mentioned.

The Stock Exchange Committee appointed Thursday a special settling day in the following securities: Broadway Gold Mining Company (Limited) preferred shares, to be quoted. Nine Reefs Gold Mining Company (Limited) shares, quotation refused; Indian Zoedone Company (Limited) shares quotation refused; Nundydroog Gold Mining Company (Limited) fully and partly paid shares. The Committee have also ordered the following securities be officially quoted. Tocopilla Copper Mining Company (Limited) shares.

TO COLLIERY AGENTS, OWNERS, &c.

TENDERS REQUIRED for three months, to commence Jan. 1, 1882, FOR THREE SORTS OF COAL, viz.—Best Silkstone, Best Main, and Best Derby. The colliery names of the coals will be required. Trucks to be forwarded to Leytonstone Station, Great Eastern Railway.

Address, J. NEWMAN, Coal Merchant, Woodhouse Lodge, Coltoldroad, Leytonstone, Essex.

FOR SALE, BY PRIVATE TREATY, THE VALUABLE SLATE AND SLAB QUARRY, known as the BRAICH DU

QUARRY, Merionethshire.
For further particulars, apply to Messrs. Harmood Banner and Son, Chartered Accountants, 24, North John-street, Liverpool; or to Mr. Thomas Roberts, C.E., Portmadoc, North Wales.

POR SALE, CHEAP, A ROBERTSON'S PATENT VALVELESS STEAM-ENGINE, 34 in. cylinders, 30 in. stroke, complete, with condenser, air-pump, &c. All in first-rate condition. To be seen at Lanark Spinning Company, New Lanark.

Apply to RICHARD MILMAN, 160, Hope-street, Glasgow.

BEAM ENGINES ON SALE.—
Pair of powerful BEAM CONDENSING STEAM-ENGINES, cylinders 30-in. diam.; stroke 4 ft. 6 in.; if y spur segment wheel, 19 ft. diam. by 10 in. broad by 3 in. pitch, with eight cast-iron arms; beams 14 ft. 7 in. long by 26 in. across centre; connecting rods 13 ft. long; complete with governors, brass tallow cups, and lubricators, in excellent working condition.

INCLUDING wrought-iron stand rails, standards, fly-wheel, crank and beam races, iron box beam 19 ft. long by 13 in. decep by 7 in. broad, supported by four cast-iron columns each 9 ft. long by 7½ in., massive stone and brick foundation; powerful single-purchase crab gear, supported on cast-iron pillar, so that the crab may be swung round to either of the two engines, acted upon by worm and wheel, size of Apply to—

MR. R. NORFOLK, ENGINEER, PARAGON STREET, HULL.

SPECIAL OPPORTUNITY.

WANTED, ONE or MORE GENTLEMEN to join Advertiser in PURCHASING MANAGING PART of CORNISH TIN MINE.

Profits about 300 per cent. This advertisement will not be repeated.

Address, "Adit Level," MINING JOURNAL Office, 26, Fleet-street, London.

TO INVESTORS.

THE ADVERTISER has a large TIN LODE, yielding by an assay 70 ibs. of tin per ton of lodestuff, has been well proved. Other rich tin and copper lodes in the sett; rich mines adjoining; it is no speculation. Wants a gentleman to join him in floating the mine or otherwise, as may be agreed on. Hundreds per cent. can safely be made.

Particulars, with plan, can be had from "Engineer," MINING JOURNAL Office, 26, Fleet-street, London, E.C.

SENTEIN.—TWO HUNDRED AND FIFTY FULLY PAID SHARES FOR SALE at 103. 6d. each. Will most probably be worth as

nany pounds.

ISABELLE.—Special business as buyer or seller at present quotation.

Address, "X.X.," MINING JOURNAL Office, 25, Fleet-street, London.

NATIONAL PROVINCIAL BANK OF ENGLAND (LIMITED).

Bishopsgate-street (corner of Threadneedle-street), London, E.C., Dec. 6, 1881.

The directors of the National Provincial Bank of England (Limited) hereby give notice that a HALF-YEARLY DIVIDEND, at the rate of EIGHT PER CENT. PER ANNUM, and a BONUS of FIVE PER CENT., will be PAYABLE on the Bank's shares, on and after the 6th day of January next, the Warrants for which may be obtained at the head office and branches, or by post if desired.

The Transfer Books will be closed on Monday and Tuesday, the 12th and 13th inst.

By order of the Court of Directors.

R. FERGUSSON Joint General

Directors.

R. FERGUSSON
T. G. ROBINSON
Managers.

THE PESTARENA UNITED GOLD MINING COMPANY (LIMITED).

Notice is hereby given, that the ORDINARY GENERAL MEETING of the shareholders will be HELD at No. 5, Queen-street-place, London, E.C., on FRIDAY, the 18th day of December, 1881, at Twelve o'clock precisely, to receive the accounts and balance-sheet up to the 30th June, 1881, together with the reports of the directors, superintendent, and agent at the mines, and for transaction of the general business of the company.

At this meeting one of the directors, viz., Lieut.-Col. C. G. Perceval, retires from office by rotation, but is eligible, and offers himself for re-election.

The appointment of R. Heneage Taylor, Eq., as a director, in the place of the late John Taylor. Esq., will be submitted to the meeting for confirmation.

Mr. H. Swaffield, the auditor, also retires, and offers himself for re-election.

By order of the Board, RICHARD GARLAND, Secretary.

5, Queen-street-place, London, E.C., 7th December, 1881.

THE RAVENSCLIFF MINING COMPANY

Notice is hereby given that an ORDINARY GENERAL MEETING of the Shareholders of the Ravenscliff Mining Company (Limited) will be HELD at the Guildhall Tavern, Gresham-street, London, on THORSDAY, the 15th day of December, 1831, at Twelve o'clock at noon precisely.

The Share Transfer Books will be closed from the 7th to the 15th instant, both days inclusive.

By order of the Directors,

50, Old Broad-street, London, Dec. 5.

C. GRAINGER, Secretary.

THE MYSORE GOLD MINING COMPANY THE MYSORE GOLD MINING COMPANY
(LIMITED).

Notice is hereby given, that the SECOND ORDINARY GENERAL MEETING of this company will be HELD at the Cannon-street Hotel, in the City of
London, on THURSDAY, the 15th day of December, 1831, at Two o'clock P.M.:—
To receive the reports and accounts; to elect directors and auditors in place of
those retiring; and other general business.

By order of the Board,
Registered Office—6, Queen-street-place, London, E.C., 6th December, 1881.

RICHMOND CONSOLIDATED MINING COMPANY
Notice is hereby given, that the HALF-YEARLY GENERAL MEETING of
the shareholders of the Richmond Consolidated Mining Company (Limited)
will be HELD at the City Terminus Hotel, Cannon-street, London, on TUESDAY,
the 13th day of December, 1831, at Twelve o'clock noon, to receive the report of
the directors for the half-year.

By order of the Board, HUBERT AKERS, Secretary.

44, Coleman-street, E.C., 5th December, 1881.

THE RUBY AND DUNDERBERG CONSOLIDATED MINING THE RUBY AND DUNDERBERG CONSOLIDATED MINING COMPANY (LIMITED).

Notice is hereby given, that the SECOND ORDINARY GENERAL MEET-ING of the shareholders of the Ruby and Dunderberg Consolidated Mining Company (Limited) will be HELD at the City Terminus H stel, Cannon-street, London, on TUESDAY, 20th December, 1881, at Twelve o'clock noon, to receive and approve the report and accounts of the directors; to elect a director in place of Mr. Lawrence Malcolm, who retires by rotation, but being eligible offers him self for re-election; and to appoint an auditor in place of Mr. R. Mackay, who also offers himself for re-election.

The TransferiBooks will be closed from the 8th to 20th December; both days inclusive.

By order, J. FORSTER HAMILTON, 8 creary.

5, Crosby-square, London, 6th December, 1881.

ESTABLISHED 1863. . THORMAN WOODDWARD,
STOCK AND SHARE BROKER,
TRURO.
Special Business in Shares of the principal Cornish Mines.

Price One Shilling. Will be published on the 1st January, 1882. PARGO'S MINING ALMANACK AND YEAR BOOK.

A complete Compendium of all matters relating to Mining Enterprise, both Home and Foreign.

To be obtained of all Booksellers, and at—

CROWN COURT, THREADNEEDLE STREET, LONDON, E.C.

T

H

GOLD MINE IN THE TRANSVAAL.

The celebrated SPITZ · KOP GOLD MINE, favourably referred to by the local Kimberley Correspondent of the MINING JOURNAL in his letter published on Nov. 26, CAN BE ACQUIRED UPON EQUITABLE TERMS, a provisional contract having been obtained in 1878 before the immense value of the mine was ascertained.

Negociations can be entered into, and all necessary documents, powers of attorney, &c., can be produced by Mr. Otto ROTHSCHILD, Diamond Merchant, 11, Hatton Garden, London,

WATSON BROTHERS' MINING CIRCULAR.

WATSON BROTHERS,

MINEOWNERS, STOCK AND SHARE DEALERS &c 1, ST MICHAELS ALLEY, CORNHILL, LONDON.

We have frequently explained the "unit" in regard to copper ore sales. If copper is at 10s. per unit—ore of 7 per cent. produce (that is, when it will take 100 tons of ore to produce 7 tons of copper) will bring 3l. 10s. per ton; at 15s. per unit, 5l. 5s. per ton. At the sale in Cornwall last week the average produce of the ore sold was 7 per cent., and it brought 3l. 19s. 6d. per ton, or an average of rather more than 11s. per unit. Copper is now about 69l., and we want to see it about 75l. to give us 15s. per unit.

History sometimes repeats itself. In the Review of the Progress of Mining for the year 1854, first published in the Mining Journal, and then as a pamphlet, Mr. Watson wrote—"During the late mania for gold mining no less a sum than 3,000,000l. was lost in speculation. When the fever was at its height I publicly referred to its probable issue, and out of a nest of companies formed not one has ended favourably, whilst many have been proved the veriest bubbles it was possible to conceive. In my review of the year 1852 I gave the names of 13 only of the Australian and Californian companies which then bore a market value of 2,700,000l.—these are now comparatively worthless." * * Gold and foreign mining companies obtain admittance not only to the Stock Exchange but to the Official List, the mittance not only to the Stock Exchange but to the Official List, the latter giving to them the stamp of genuineness by which many persons, especially in the country, are deceived."

We estimate the Crebor ore—413 tons—will realise about 1400l., or 1001. more than the last sale.

We have received a great many questions from different correspondents this week with regard to East Blue Hills. Many of them have been from time to time referred to in these columns, for we have kept its points and its prospects clearly before our readers. The mine was introduced by us in April last in 12,000 shares of 5s. each, the shares in the first instance being offered to shareholders in Blue Hills, and every share applied for allotted at par. The object was to clear an adit 50 fms. deep to cut the Pink lode. Since then an extension of the sett has been obtained so as to take in West Kitty leds. These are two invertent to inter in prespect. The Baldhu lode extension of the sett has been obtained so as to take in West Kitty lode. These are two important points in prospect. The Baldhu lode has been opened at the 30 and 40, and when a winze has been communicated between these levels good returns of tin will be made. The 40 east on this lode improved last week to 30l, per fathom, and caused the demand for shares. Out of the capital of 3000l, about 500l, has been spent; the monthly cost is about 100l, and the first sale of tin on Nov. 15 realised 97l. The mine can be worked 50 fms. deep without machinery.

The mine it will be seen has been inspected this week by Capt. Hambly, late manager of Wheal Agar and now of Wheal Uny, and he values the lode in the 40 level at 40l, per fathom. This discovery is equal to that made at West Kitty, and we trust it will turn out quite as important.

quite as important.
The lode in the The lode in the shaft at Wheal Crebor has improved to 10*l*. per fathom, and shows every indication of further improvement.

Prince of Wales is gradually improving in the 90 end, which looks well for cutting the lode at the 102.

Another trial has been made on the refuse ores at Langford, and very successful; indeed the agent is now satisfied that the process will answer. Some of the stuff with 9 oz. of silver in it came out as matte with 40 oz. The directors are in treaty for the necessary machinery to work the mine vigorously.

The latest report from East Blue Hills states that the lode has just been cut into at the 50 (adit) level beyond the "fault," and in a few days we may hear of something good in this level also. Capt. Hambly in his special report states that these "faults" or "crossings" "are favourable for the character and productiveness of the lodes in this district." The 40 level, Capt. Hambly says, has been worth 30t, per fathom for three years and is now worth 40t.

The Parys meeting went off very satisfactorily, and with the discoveries in the mine and the rise in copper we hope soon to see shares more than doule the present prices.

SHEPHERDS WHEAL ROSE.—In the High Court of Justice, on Monday, Mr. Justice Chitty dismissed, with costs, the petition to windup this company. The grounds of the petition were that the prospectus was misleading, and that certain advertisements had been improperly inserted in the public newspapers by the directors for the purpose of inducing subscriptions; that the mine, the property of the company, was worthless; that the company had inadequate capital for the working of the mine; and that, in fact, the company was a bubble. It appears that several actions have also been brought by for the working of the mine; and that, in fact, the company was a bubble. It appears that several actions have also been brought by shareholders against the directors who issued the prospectus seeking to set aside the allotment of their shares. A considerable number of affidavits have been filed on both sides, and the hearing has occupied the greater part of three days.—Mr. Ince, Q.C., and Mr. Obradford appeared for the petitioner, Mr. Chadwyck Healey for other shareholders, supported the petition, Mr. Romer, Q.C., and Mr. Grosvenor Woods appeared for the company and opposing shareholders, and Mr. Everitt for the vendor.—Mr. Justice Chitty was of opinion that the directors were not responsible for the advertisements that that the directors were not responsible for the advertisements that had been complained of. On the question whether the company was a bubble or not, he had read the affidavits and reports both of the a bubble or not, he had read the affidavits and reports both of the petitioner's and respondents' witnesses, and on the whole he was of opinion there was a mine to be worked, and also that it was capable of being worked at a profit. It was also contended that the capital subscribed had been insufficient, but in reference to that the company had now a capital of some 10,000L in addition to their mining property, and whatever the capital was there was no doubt that the majority of the shareholders in the company desired to go on with the company. He had, on the whole, come to the conclusion that the company was not a bubble company within the authority of the previous cases, and that that was no ground for a winding-up order. In his opinion the petitioner's case was not made out, and, therefore, he must dismiss the petition, with costs; but as there had been some delay on the part of the company in producing their books, he should deduct a sum of 10L for the costs occasioned by such delay from the costs payable to the company.

deduct a sum of 10t. for the costs occasioned by such delay from the costs payable to the company.

Bell Vean (Gwennap).—We are informed that the directors after a careful investigation of the most popular drills have selected the Cranston Drill for the development of this mine. As this drill has not previously been in use in Cornwall its achievements will be watched with some interest. A good drill at work among the tinstone reported as being met with cannot fail shortly to transfer this venture to the Dividend List.

SMOKE ABATEMENT EXHIBITION,

SOUTH KENSINGTON.

OPEN DAILY FROM 10 A.M. TO 10 P.M.

The Committee are prepared to receive Applications to Exhibit Improvements in Heating and Smoke Preventing Appliances. Address, Mr. W. R. E. Coles, Honorary Secretary, Exhibition Buildings

TO CAPITALISTS.

THE ADVERTISER, having a FIRST-CLASS SILVER-LEAD MINE, in one of the best districts in Cornwall, without sufficient means to develope it, is ANXIOUS TO SELL ONE-HALF or THREE-FOURTHS of the property. A small outlay will in all probability open up a very rich mine.

For particulars, write "Miner," 24, Gilbert-road, Kennington, S.E.

SPELTER WORKS MANAGER REQUIRED to take MANAGE-MENT of a SMALL WORKS. State particulars as to salary. experience, &c.
Address, "Swansea," MINING JOURNAL Office, 26, Fleet-street.

WANTED,—18 or 20 ft. outside diameter WATER-WHEEL, with light iron frame, 8 in. wide and 2 ft. breast, with

ought-iron shaft Address, H. D. Pochin and Co., Salford, Manchester.

A PRIVATE GENTLEMAN, with good financial connections and considerable experience in the Formation and Working of Joint-stock Operations, will UNDERTAKE the RE-CONSTRUCTION of LIMITED LIABILITY ENTERPRISES requiring additional capital; or the CONVERSION of SOUND GOING CONCERNS into PUBLIC COMPANIES.

Address in confidence Mr. Prance Pork Villes Chedwell Hooth.

Address, in confidence, Mr. Pearce, Park Villas, Chadwell Heath

A LONDON CITY FIRM WISHES to GET into BUSINESS CONNECTIONS with MINING COMPANIES working Blende, or Calamine Spelter Ores.
Address, "B. B.," 79, Mark-lane, E.C.

A GENTLEMAN, with several years' experience abroad, as second in charge of a Copper Mining and Smelting Establishment, is OPEN to an ENGAGEMENT, preferably in SPAIN. Has had charge of Spanish Correspondence and Book-keeping, &c., and is also acquainted with the French language. Best references.

Direct to "J. H.," MINING JOURNAL Office, 26, Fleet-street, E.C.

A CIVIL ENGINEER, acquainted with MINE DIALLING, RAILWAY WORKS (TUNNELLING, MEAVY PILE DRIVING, HARBOUR WORKS, LIGHTHOUSES, SUBMARINE WORKS), requires EMPLOYMENT.

Address, "H. W. F.," 26, Pound Lane, Exeter.

EXPERIENCED ENGINEER WANTED IMMEDIATELY, to EXAMINE and REPORT upon a SILVER and SILVER

LEAD MINE in SPAIN. Address, with full part Address, with full particulars as to experience, &c., to "R. G.," MINING JOURNAL Office, 26, Fleet-street, London.

WHEAL JANE.—SPARE PITWORK FOR SALE:—
19 15-inch PUMPS.
24 13-inch ditto.
11 12-inch ditto.

2 12-inch PLUNGER BOTTOMS

2 14-inch BRASS PLUNGER POLES. ONE GWYNNE'S CENTRIFUGAL PUMP.

Apply to Capt. Reed, on the Mine; or to Mr. John Hocking, Redruth.

TO INDIAN GOLD MINING COMPANIES.

A PRACTICAL MINER, SURVEYOR, &c., of considerable experience at home, and over six years on the Continent, returned from India in September last, after 13½ years experience of coolies and local labour, on mines, canals, railways, contracting, &c., in India, is at present disengaged, and OPEN to an ENGAGEMENT. Has the qualifications necessary for practical management of mines in alluvial, &c., and prospecting generally, with native labour economically. Acclimatised, constitution sound, aged 41, unexceptional testimonials.

Address, "W. M. B.," MINING JOURNAL Office, 26, Fleet-street, London.

STEAM BOILERS.—Three first-class Boilers, 30 ft. by 7 ft., two flues, Galloway tubes in, and fittings, four years old, insured at 75 lbs. pressure. Will be sold cheep.

iallows tubes in, and fittings, four years out, insured as 15 tos. pressure. If it is sold cheap.

BOILERS.—Two Boilers, 28 ft. by 7 ft., two flues. Been working at 65 lbs. rice on rails, £130 each.

Other sizes of Boilers in stock, in excellent condition, 28 ft. by 7 ft., 24 ft. by 6 ft., 20 ft. by 6 ft., 25 ft. by 5 ft., and 12 ft. by 5 ft. Safe for 65 ad 60 lbs. pressure. Very cheap.

PUMPING ENGINES.—Beam and Horizontal. Diameters of cylinders, 90 in., 30 in., 55 in., 60 in., and 38 in. Very cheap.

WINDING ENGINES and COLLIERY PLANT of every description, second-and in stock.

H. HELLEWELL AND CO., 4, NORTH CORRIDOR, ROYAL EXCHANGE, MANCHESTER.

ON SALE, NEW PAIR of 20 in. HORIZONTAL WINDING ENGINES, 3 ft. 6 in. stroke, wrought iron cranks, crank shaft, 9½ in. 20 horse POETABLE WINDING ENGINE, with two 10½ in. cylinders, link motion, and winding gear, drum 5 ft. 6 in. diameter, only worked a few weeks, and since been thoroughly overhauled by the makers; equal to new. T. JOHNSON, 72, DICCONSON STREET, WIGAN.

ROR SALE, a 30 H.P. PORTABLE STEAM ENGINE; with and pumping complete for winding

pumping.
14 H.P. PORTABLE WINDING and PUMPING ENGINE.
lso a 6 H.P. PORTABLE HOISTING ENGINE. Apply to— BARROWS AND STEWART, ENGINEERS, BANBURY.

LEXANDER SMITH, M. Inst. C. E., CONSULTING ENGINEER and VALUER of IRONWORKS,

MINING, RAILWAY, ENGINEERING, and other PROPERTY, PLANT, and MACHINERY, 1, PRIORY STREET, DUDLEY

Mr. SMITH has been retained for nearly 20 years by some of valuations that have taken place in the kingdom .

Valuations for Stock Taking or any other purpose upon very reasonable terms.

ANGLO-CONTINENTAL DISCOUNT BANK (LIMITED).
St. Andrew House, 28, Cornhill, London, Dec. 3, 1881.
Notice is hereby given, that the STATUTORY MEETING of the shareholders of the Anglo-Continental Discount Bank (Limited) will be HELD at the above offices, on Saturday, the 17th day of December, 1881, at Twelve o'clock noon, in compliance with Section 39 of the Companies Act. 1867. December, 1881, at Tweive Co...

December, 1881, at Tweive Co...

By order of the Board,

JAMES MACDONALD, Secretary.

L. A. O.,

SOUTH WALES STEAM COAL COLLIERY FOR SALE, one in regular work, producing first-class Aberdare Smokeless Steam Coals, well known on the market. Satisfactory reasons can be given for owners parting. Principals or their solicitors only treated

Apply, by letter, "Steam Coal," care of Messrs. G. Street and Co., 30, Cornhill, London, E.C.

LANCASHIRE.

FOR SALE, a SMALL COLLIERY, near Wigan, owing to death of acting Proprietor. House (best) and steam coal; siding to railway; machinery, plant, and wagons in good working order. For further particulars, apply to Mr. J. M. Quiggin, Solicitor, 4, Brunswick-street, Liverpool.

TO MINING AGENTS, AND OTHERS.

TO BE SOLD, A PATENT IMPROVED ROBEY MINING ENGINE, together with all the gear and working apparatus

thereto belonging. To be seen upon application to Mr. WILLIAMS, Halsgrove Farm, Withypoole; and for further particulars and to treat for the purchase, apply to Mr. W. King, The Lion, Dulverton, or to Mr WILLIAM COLE, Auctioneer, South Molton.

Dated 29th November, 1881.

SALE,-PUMPING ENGINE, inverted cylinder 60 inches diameter, 9 feet stroke, Cornish valves, cataract, wrought-iron main beam and cast-iron balance beam, box and weights. In firstclass condition.

class condition.

ONE PAIR COUPLED HORIZONTAL CONDENSING PUMP.

ING ENGINES, cylinders 18½ inches in diameter, and 4 feet stroke.

Heavy fly-wheel, 14 ft.; pinion, 4 feet 2 inches; spur, 11 feet 9 inches; pumping crank, wood connecting rods, and two cast-iron L legs. pumping crank, wood connecting rods, and two cast-iron L legs.

Apply to H. Bramall and Co., Sankey Brook Collieries, St. Helens,

MR. THOMAS THOMPSON, JUN., STOCK BROKER,
16, ST. SWITHIN'S LANE, E.C.
Mr. THOMPSON transacts business in every species of Stock Exchange and Mining Securities.

Mr. THOMPSON affords reliable information to investors, and can give when desired, a list of first-class Stocks and Shares, yielding 4 to 10 per cent. dividends

pon present prices. Mr. Thompson's weekly Circular may be had on application. HORACE J. TAYLOR, STOCK AND SHARE DEALER,
38, GREAT ST. HELEN'S, LONDON, E.C.
October Circular now ready, and can be had on application.

BANKERS: The CENTRAL BANK OF LONDON (Limited). M I C H A E L W I L L I A M S B MINING AND ASSAYING OFFICES, LISKEARD. BAWDEN

Having had 32 years' experience in Mining, is prepared to ADVISE on the MINES in DEVON and CORNWALL, as well as the late schemes and resuscitation of old Mines. A Selected List for investment. BUYER of Phenix United, South Crofty, West Basset, Wheal Grenville, and Wheal Uny shares.

THE COMING GOLD FIELDS-THE GOLD COAST

THE COMING GOLD FIELDS—THE GOLD COAST COLONY.

It is an established fact that Gold is found in this Colony in large quantities. The estimated amount which has come into Europe during the past 400 years is £700,000,000. England receives annually about £150,000 worth. The Mines are easy of access, and labour is cheap. Shares should be secured without delay. The time is not far off when there will be a great demand for them.

MR. WILLIAM GABBOTT, SHAREDEALER, 262, GRESHAM HOUSE, LONDON, E.C.

NORTH CARDIGANSHIRE MINES.

M.R. J. PELL, M.E. (Thirty Years' experience), has SPECIAL dealings in SHARES of several GOOD MINES in this District. SOME GOOD SILVER-LEAD MINING SETTS TO DISPOSE OF.

WANTED, a CAPITALIST, to join in ERECTING MACHINERY to return TIN AND COPPER,—a SPLENDID MINE. Numerous lodes centra of richest district in CORNWALL; great reserves of ore above adit levels. Ample water-power. Railway runs through the sett. Royalty, 1-24th.

Bankers: National Provincial Bank of England, Aberystwith.

Address,—TALYBONT, GLANDOVEY, R.S.O.

PRENTON SYMONS, F.C.S., Assoc. M. Inst. C B.,
CONSULTING MINING ENGINEER,
No. 88, ST. CLEMENT'S HOUSE, LONDON, E.C.

MESSRS. C. WILLIAMS AND SON, MINING ENGINEERS AND SURVEYORS, TRERDDOL, GLANDOVEY, R.S.O., CARDIGANSHIRE,
OARDIGANSHIRE,
Are in a position to enter into private negociations with persons desirous of securing sound Mining Investments in Cardiganshire and North Wales, having a large MINING PROEERTY FOR SALE, capable of making immediate returns and profits. Capitalists will do well to consult the above before laying out money in the districts named.
Forty Years' practical experience.

MR THOMAS CORNISH, CONSULTING MINING ENGINEER
AND FINANCE AGENT.

Twenty-five Years Practical Experience in Australian Gold Mining and Management.

Advice on Gold Mining Investment.

Author of "Gold Mining: its Results and its Requirements."

109, FENCHURCH STREET, LONDON, E.C.

REEVES AND CO. \mathbf{C} . (ESTABLISHED 1872.) STOCKBROKERS, 19, WALBROOK, LONDON, E.C INVESTMENTS IN STOCKS AND SHARES.

Purchases and Sales of Home, Foreign, and Colonial Stocks and Shares made the closest market prices either for eash or the fortnightly settlement. LOANS. nces made on Stocks, Shares, and other negociable Securities at equitable

Advances made on Stocks, Shares, and other negociative accounts opened on favourable terms.

Special Business in Gold Mining Shares.

C. T. R. and Co.'s Monthly Price List and Report on the Stock Markets sent post free on application.

M ESSRS. H. R LEWIS AND BARTHOLOMEW HOUSE, BARTHOLOMEW LANE, LONDON, E.C., MINING ENGINEERS, EXFERTS, AND DEALERS.

und and Experienced Advice in the Selection of Mining Securities—Home Foreign. Weekly Price-List free on application.

CHANGE OF ADDRESS. FRED. W. NORTH, F.G.S., LAND AGENT AND MINING ENGINEER, Member Inst. North of England Mining Engineers, Inst. adechanical Engineers, Royal Colonial Institute, late Mining Engineer for the Governments of Cape Colony and of Natal.

ROWLEY HALL, NEAR DUDLEY, STAFFORDSHIRE

34, CLEMENT'S LANE, LOMBARD STREET, LONDON, E.C.

Telegrams: North. Rowley Hall, Rowley Regis.

Agent for Lessors' Mineral Rents; Reports and Valuations of any Mineral Property; Parish Assessments for Poor Rates; Negociations for Development of Mining Estates; Management of Collieries and Mines; Consultations as to Yslue of Mining Companies; and regular advices as to the Diamond Mines of South Africa.

PARGO'S GUIDE TO INVESTMENT.

THE GUIDE FOR NOVEMBER contains full and authentic information on the present condition and the imediate prospect of all British Mines, together with trustworthy directions as to investment both in Progressive and Price follows.

Price follows tree.

Price 6d, post free.
CROWN COURT, THREADNEEDLE-STREET, LONDON, E.C.

JOHN THOMAS, STOCK AND SHARE BROKER.

(On commission only.)

Mines inspected and faithfully reported on. Mining Machinery valued.

Estimates given for the erection of Mining Plant.

Twenty Years' Experience.

Advice given as to Buying or Selling Mine Shares.

ADDRESS—REDRUTH, CORNWALL.

MINING AGENT, STOCK AND SHARE DEALER, 2, DRAPER'S GARDENS, 2, DRAPER'S, GARDENS,

81.

SALE,

okeles can h

ind Co.

death ding to

licitor,

INING paratus

Farm, e pur o Mr

inches

n first.

UMP.

stroke. nches

lelens,

KER,

ER.

le, and

DAST tities.

ies are delay,

CIAL

ERY

Am

E.,

ERS

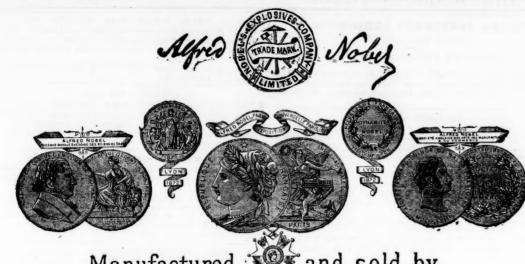
EER

sent 0 .

Pro-nt of salue outh

R.

đ



Manufactured and sold by NOBEL'S EXPLOSIVES COMPANY, LIMITED

(FORMERLY THE BRITISH DYNAMITE COMPANY, LIMITED),

Head Office: 149, West George Street, Glasgow.

EXPORT AGENTS: J. and G. THORNE, 85, GRACECHURCH STREET, LONDON, E.C. FACTORIES—ARDEER WORKS, STEVENSTON, AYRSHIRE.
WESTQUARTER WORKS, POLMONT STATION, STIRLINGSHIRE.
REDDING MOOR WORKS, POLMONT STATION, STIRLINGSHIRE.

THE COTTON POWDER COMPANY (LIMITED)

RECOMMEND TO CONTRACTORS, MINERS, PIT SINKERS, QUARRYMEN, AND OTHERS, THEIR

POWDER, COTTON OR

AS BEING THE SAFEST, CHEAPEST, AND STRONGEST OF ALL EXPLOSIVES.

TONITE is the most efficient and economical blasting agent ever invented, and is largely in demand. It does not contain any Nitro-glycerine, and is, therefore, exempt from the dangers of exudation, or of freezing and its attendant process of thawing. The Company also manufacture PATENT DETONATORS of a quality much superior to the foreign article. The trade supplied on favourable terms.

23, QUEEN ANNE'S GATE. LONDON, S.W. WORKS: FAVERSHAM, KENT.

Agents: DINEEN and Co., Leeds; DAVID BURNS, Haltwhistle; R. J. CUNNACK, Helston, Cornwall; J. and W. SMITH, Chapel-en-le-Frith; W. Veitch, Jedburgh, N.B.; W Harrison, Barrow-in-Furnese; W. J. Parry, Bangor.

AMITE.

MANUFACTURED



AND SOLD BY

RHENISH DYNAMITE COMPANY.

HEAD AND EXPORT

JOHN DARLINGTON, 2, COLEMAN STREET BUILDINGS, MOORGATE STREET, LONDON, E.C.

LONDON AGENT,-E. KRAFTMEIER & CO., 5, GREAT WINCHESTER STREET BUILDINGS, LONDON, E.C.

TUCKINGMILL FOUNDRY COMPANY.

(TUCKINGMILL FOUNDRY AND ROSEWORTHY HAMMER MILLS),

CAMBORNE, CORNWALL, Engineers, Iron and Brass Founders, &c.



REGISTERED TRADE MARK.

MANUFACTURERS OF EVERY DESCRIPTION OF PUMPING WINDING & STAMPING ENGINES

REGISTERED TRADE MARK.

ALL KINDS OF MINING MACHINERY, SHOVELS, AND

MINERS' TOOLS;

BLAKE'S STONE BREAKERS. ESTIMATES GIVEN UPON INDENTS AND SPECIFICATIONS.

LLUSTRATED CATALOGUES POST FREE ON APPLICATION LONDON OFFICE: 85, GRACECHURCH STREET, E.C.

For Excellence and Practical Success of Engines.



Represented by Model exhibited by this Firm.

HARVEY AND CO., ENGINEERS AND GENERAL MERCHANTS HAYLE, CORNWALL

LONDON OFFICE .-- 186, GRESHAM HOUSE, E.C.

MANUFACTURERS OF

PUMPING and other LAND ENGINES and MARINE STEAM ENGINES
of the largest and most approved kinds in use, SUGAR MACHINERY,
MILLWORK, MINING MACHINERY, and MACHINERY IN GENERAL. SHIPBUILDERS IN WOOD AND IRON,
MANUFACTURERS OF
HUSBAND'S PATENT PNEUMATIC STAMPS

SECOND-HAND MINING MACHINERY FOR SALE
IN GOOD CONDITION, AT MODERATE PRICES—viz.

PUMPING ENGINES; WINDING ENGINES; STAMPING ENGINES;
STEAM CAPSTANS; ORE CRUSHERS; BOILERS and PITWORK of
various sizes and descriptions; and all kinds of MATERIALS required for
MINING PURPOSES.

JOHN BEATSON & SON, 40h, St. Mary's Gate, Derby.



RON AND STEEL RAILS, of all sections, from 10 to 86 lbs. per yard, new perfect, new slightly defective, or second-hand, with Fish-plates, Bolts and Nuts, Chairs, Spikes, and Points and Crossings to match, when required

uired.

STEEL AND IRON WIRE ROPES, LOCOMOTIVE ENGINES, &c., &c.

BARS, PLATES, SHEETS, &c.

STEEL OF ALL KINDS. PIG IRON OF ALL KINDS

Delivered at all Railway Stations and Ports in Great Britain.

WILLIAM BENNETTS, PATENT MINERS



SAFETY FUSE MANUFACTURER.



This manufacture embraces all the latest improvements for use in Blasting in Mines, Quarries, or for Submarine Purposes; and is adapted for exploding Gunpowder, Dynamite, or any other Explosive; and is made suitable for exportation to any part of the world. Price Lists and Sample Cards on application.

All communications to be addressed—

ROSKEAR FUSE WORKS, CAMBORNE, CORNWALL.

C. H. WALKER AND CO., MINING AGENTS AND ENGINEER VALPARAISO AND SANTIAGO, CHILE

MEXICO NEW MEXICO ARIZONA, UTAH, NEVADA AND CALIFORNIA.

F. M. F. CAZIN,

MINING AND CIVIL ENGINEER,

Of BERNALLILLO, NEW MEXICO, U.S. OF AMERICA.

Of BERNALILLO, NEW MEXICO, U.S. OF AMERICA.

May be temporarily addressed—P. O., Box 1740, New York.

Has 24 years' experience in Mining and Smelting, and 10 years experience of American Business and Law, offers his services at moderate chargesfor Reporting on Mining and other Property in any of the above-named States or Territoring gives correct, safe, and responsible advice as to securing full titles and possession and, as to best mode of utilising the property, will assist in settling existing difficulties by compromise, and in disposing of developed mining property when held at real value; offers his assistance for securing undevoloped mining property when held at real value; offers his assistance for securing undevoloped mining properties at home prices. As to care taken in reporting, reference is made to the Afrings Journal Supplement, April 1, 1876, containing a report on property of the Maxwell Land Grant and Railway Company; as to technical standing, to the prominent men of the trade—compare Mining Journal of Aug. 30 and Nov. 31, 1872, and New York Engineering and Mining Journal, Feb. 28, 1874.

TO ENQUIRERS.—Having received numerous letters asking for my gratuitous opinion on mining properties, I beg to state that I cannot afford time to answer letters of that description without the inclosure of a fee-at least of a half-a-guinea.

R. SYMONS.

Truro, June 15.

THE MINING RECORD. Only \$3:00 a year.

61, BROADWAY, NEW YORK.

Is the ONLY PAPER in the United States that gives FULL LATEST ACCOUNTS from all the GREAT GOLD, SILVER, IRON, and COAL MINES of AMERICA.

ORDERS EXECUTED FOR MINING STOCKS. Information free ALEX. ROBT. CHISHOLM, Proprietor.

London Office—H. J. CHAWNER, Manager, 3, Catherine-street, Strand, W.

SecondEdition. Just Published, price \$s. 6d.

A NEW GUIDE TO THE IRON TRADE
OR MILL MANAGERS' AND STOCK-TAKERS' ASSISTANT;
Comprising a Series of New and Comprehensive Tables, practically arranged to show at one view the Weight of Iron required to produce Boiler-plates, Sheet-iron, and Flat, Square, and Round Bars, as wellas Hoop or Strip Iron of any dimensions. To which is added a variety of Tables for the convenience of merohants, including a Russian Table.

But James Rose.

Batman's Hill Ironworks, Bradley, near Bilston.

OPINIONS OF THE PRESS.

"The Tables are plainly laid down, and the information desired can be instants county obtained."—Munna Journal. " 900 co es have been ordered in Wigan alone, and this is but a tithe of those

to whom the book should commend itself."—Wigan Examiner.
"The Work is replete on the subject of underground management."—M. Baner, Colliery Proprietor.
To be had on application at the MINING JOURNAL Office, 28, Fleet-street, London Just published.

THE NORTH WALES COAL FIELD.

Being a series of Diagrams showing the Depth, Thickness, and Local Names of the Seams in the principal Collieries of the various districts, with Index, Geological Map, and horizontal sections across the Ruabon, Brymbo, Buckley, and

logical Map, and horizontal sections across the Ruabon, Brymbo, Buckley, and Mostyn districts.

By JOHN BATES GREGORY at d JESSE PRICE, of Hope Station, near Mold, Flintshire.

Price: Mounted on holland, coloured and varnished, and fixed on mahogany rollers, 30s. each; or in book form, 12×8, mounted and coloured, 25s. each.

May be obtained, by order, of all Booksellets or direct from the Mining Journal. Office, 26, Fleet-street, London, E.C., upon remittance of Post Office Order for the amount.

Just published, cloth limp, price 1s. 6d.,

THE COLLIERY READY-RECKONER AND WAGES CALCULATOR. By JAMES IRELAND

"Will be the means of preventing many disputes between pay clerks and colliers."—Mining Journal
To be had on application at the Mining Journal Office, 28, Fleet-street, I.C.

NON-DIVIDEND FOREIGN MINES; FOREIGN AND MISCELLANEOUS STOCKS; TRAMWAYS; INSURANCE COMPANIES; GAS, IRON AND COAL, WAGON COMPANIES, &c.

NON-DIVIDEND FOREIGN Shares. 150000 Akankoo,* g, Gold Cst.(100000 iss.) 4880 Anglo-African,* d, Kimberley, l. 12000 Arendal, c, Norway 12000 Arendal, c, Norway 120000 Brasilian, g,* Brazil 120000 Bratsberg,* c, Norway 10000 Bratsberg,* c, Norway 10000 British Australian,* g, N. So. Wales 10000 British Australian,* g, N. So. Wales 10000 Buena Ventura,* t, Spain (1y.pd). 30000 California,* g, Colorado 130000 California,* g, Colorado 130000 California,* g, Colorado 130000 Calano Bis,* g, Yenezuela 15000 Canada,* g 15000 Central Jagersfontein Diamond* 100000 Cherambadl (Wynaad) District,* g, 100000 Chontales, g, s, Nicar.* (38000 iss) 15000 Colorado Vinited,* s-l Colorado* 160000 Colocacovil,* g, Wynaad 100000 Devala Central,* g, Wynaad 10000 Devala Central,* g, Wynaad 15000 Devala Central,* g, Wynaad 15000 Devala Central,* g, Wynaad	Pand, Clos, pr. 0 7 6 2 0 0 514 634 4 0 0 234 3 0 7 6 2 0 0 0 234 3 1 0 0 1 134 1 0 0 1 134 1 0 0 1 0 0 34 1 1 0 0 0 4 0 0 0 136 134 1 0 0 0 4 0 0 0 242 234 1 0 0 0 1 0 0 0 1 0 0 0 34 34 1 0 0 0 36 34 1 0 0 0 36 34 1 0 0 0 36 34 1 0 0 0 36 34 1 0 0 0 36 34 1 0 0 0 36 34	NON-DIVIDEND FOREIGN MINES—continued Shares. 8600 Rin Grande do Sul*(and 31,000 pref.) 5 0 0 46 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
50000 Dieu Donne, "g, Surinam 100000 Dingley Dell," g, Devala, India 100000 Don Pedro North del Rey* 205168 Eberhardt, s, Nevada*† 20000 English Australian, g, Victoria* 65000 Eureka, "s, Nevada	0 10 0 ½16 ¾16 0 12 6 1 0 0 1 0 0 ¾ ⅓ 1 0 0 ⅙ ¼ 1 0 0 ⅙ ¼ 1 0 0 ⅙ 1½	INSURANCE COMPANIES. Results Shares Shares Pol. Clos. pr.
100000 Exchequer, g, s, California*† 160000 Flagstaff District, s.g. Utah 65000 Gold Coast, g, Wassau 140000 Gold Hill, g, North Carolina 250000 Gold Mining Assn. of Canada* 50000 Great Consolidated of Spain.	1 0 0 1 0 0 1 6 0 1 1½ 1 0 0	Solon 20 Globe Marine [L]
75000 Great Southern Mysore,* g 120000 Hoover Hill,* g, North Carolina 10000 Hornachos,* s-l, Spain	1 0 0 1 0 0 \$\frac{5}{2} 7\frac{7}{2} 10 0 0 10 10 \frac{1}{2}	38862 25 London 12½ 64 68 40000 25 London and Lancashire Fire 2½ 4½ 5 50000 20 London and Provincial Marine 2 5 5½ 10000 100 Marine 18 28 28 50000 10 Merchanta' Marine 2 1½ 1½ 1½ 50000 10 Maritime 2 7½ 7½ 40000 50 North British and Mercantile 2 7½ 7½ 40000 50 North British and Mercantile 8½ 66 8
150000 Indian Consolidated," g 100000 Ind. Glenrock," g, Wynaad; 150000 Indian Mammoth," g, Chullmulla. 150000 Indian Phenix," g, Wynaad; 150000 Indian Trevelyan," g, Wynaad 150000 Isabelle," g, S, California. 100000 I.X.L., g, s, California*	1 0 0 1/16 3/16	30000 100 Northern 5 51 52 40000 25 Ocean Marine 5 81/2 9 - Phenix Fire - 1 33/4 4 100000 10 Railway Passengers 29s. 71/8 8 200000 5 Rock Life 14 81/4 81/4 81/4 81/4 81/4 81/4 81/4 81/4
50000 Javali, g, Nicaragua* 50000 Kapanga,* g, New Zealand 100000 La Concepcion.* g, Venezuela 65000 London and California, g*† 1 135000 Madras,* g, Mysore 100000 Michipicoten,* nat. c, Quebeo	2 0 0 1 0 0 36 56 1 0 0 2 0 0 1/6 3/6 1 0 0 1 0 0 11/6 13/6	50000 10 Sea 2 3½ 3½ 135000 20 Lancashire 2 8 8½ 5½ 4000 20 Standard Marine 4 5½ 5½ 10000 20 Thames and Mersey Marine [L] 2 13 13½ 40640 20 Union Marine, Liverpool [L] 3½ 5½ 5½ 50000 20 Universal Marine [L] 3 8½ 9½
65000 London and California, g**† 1 135000 Madras, "g, Mysore	10 0 010 10½ 1 0 0 1 0 0 1½ 1¾ 1 0 0 ¼ ½ 1 0 0 1 0 0	MISCELLANEOUS Shares, Company, Pand, Price
75000 Norway, c, Halsonon and Radon, 200000 Nouv. Monde, g, Ven. (en com.)†, 100000 Nundydroog, g, Mysore 150000 Olathe, c, L, Leadville, Colorado 125000 Ooregum, g, Mysore 15000 Oganos, g, Colombia	1 0 0 1 0 0 1 0 5 34 34 0 5 0 1 0 0 1 0 0 36 56	25 Australian Agricultural
125000 Oracing, "4, Leaville, Colorado 125000 Oragum, "6, Mysore 15000 Organos," 6, Colombia 150000 Parcherry, "6, South-East Wynnad 80000 Pestarena United, 9, Italy"; 100000 Pierre d'Or, "9, Spain 80000 Pierre d'Or, "9, Spain 50000 Potosi, "9, Vonezuelat 50000 Potosi, "9, Vonezuelat 60000 Povidence, "4, California	1 0 0 1 11/4	7 10 Milner's Safe [L]
50000 Fotosi, "g, venezueia; 00000 Fovidence, "g, s, California 50000 Kara Fortuna, "s, Argent. Repub., 40000 Ravenseliff, g, N. Zind; c, S. Aust. 90000 Rhodes Reef," g, Wynaad;	1 0 0 % % 1 0 0 1 0 0 0 5 0 1 0 0 % % 2 0 0	Stk. Ditto New Ordinary 50 90 100 8tk. Ditto 6 per c. guar. pref 100 135 135 8tk. Ditto 5 per c. guar. pref 100 0 112 117 12 Telegraph Const. & Maint. [L] 12 0 27½ 28½ 5 Ditto, 2nd Bonus, 5p. c. (retd. 2 100) 13% 1% 1% 1 Zoedone [L] 1 3 3 3

IRON AND COAL COMPANIES	1
Shares. Company. Paid. Pru	ce.
£100 Abbot, John, and Co [L] £ 75 0 40	371/2 dis
5 Alltami Colliery Co. [L] 5 0 1	11/2
20 Ashbury Co. [L] (new) 6 10 634	61/4 dis
Bagnan, John, and Sons [L] 3 U. San	7/16
10 Benhar Coal Co. [L]	13/8
10 Bilbao Iron Co. [L] 10 0 5 1/4	6
20 Bolckow, Vaughan, & Co. [L] A 12 0 438	4 % pm
50 Brown, Bailey, and Dixon [L] 40 0 22	20 dis
100 Brown, John, and Co. [L] 75 0 61/4	534 dis
3 Cakemore, Cseway. Grn. ord. sh. 3 0	_
3 Ditto (7½ per cent. pref.) 3 0	- 1
100 Cammell and Co. [L] 80 0 7	61/4 dis
20 Cannock & Huntington Coal[L] 10 0 101/2	10 dis
10 Central Swedish Iron &Stl.[L] 10 0 1	11/6
50 Charlton Iron Co. [L] 50 0 3	31/4
50 Chatterley Iron Co. [L] 50 0 8	81/2
10 Chillington Iron Co. [L] 10 0 3½	31/2
10 Consett Iron Co. [L] 7 10 16	16 1/2 pm
1 Consett Spanish Ore [L] 1 0 36	1/2 pm
20 Darlington Iron Co. [L] 18 10 1	11/2 dis
50 Davy Brothers [L] 22 10 4	4 1/4 pm
23 Ebbw Vale Co. [L]	111/6
8 Genl. Mining Ass. [L] (ful.pd.) 80 0 41/4	43/4
50 Knowles, Andrew, and Co. [L] 22 0 934	91/ dis
	816
10 Lydney & Wigpool Iron Ore [L] 9 12 1	2
10 Marbella Iron Ore Co. [L] 10 0 7	71%
10 Midland Iron Co. [L] 5 0 11/4	2 pm
10 Monkland Iron & Coal Co. [L] 10 0	
4 Mwyndy Iron Ore [L] 3 15 1	1%
100 Nant-y-Glo & Blaina(Sp.c.prf.)100 0 43	44
3 Nerbudda Coal and Iron [L] 25% 5%	7/8
10 Newport Abercarn Coal Co. [L] 10 0 71/4	8
35 Palmer's Shipbldg, & Iron [L] 35 0 28 1/2	29
100 Parkgate Iron Co. [L] 65 0 5 %	6 pm
20 Patent Nut and Bolt [L] 14 0 101/2	11 pm
20 Pelsall Coal and Iron [L] 20 0 15	151/2
50 Khymney Iron Co. [L] 50 0 30	32
10 Sandwell Park Colliery Co. [L] 10 0 15	17½ xn
100 Shotts Iron Co. [L]100 0 50	55
25 Sheepbridge Iron and Coal [L] 20 0 51/2	5 dis
50 Silkstone & Dodw.Cl.& Iron [L] 45 0	-
50 Somorrostro Iron Co. [L] 50 0	
100 Staveley Iron and Coal Co. [L] 60 0 25	25½ pm
100 Ditto ditto B 10 0 31/2	4 pm
5 Teesside Iron & Engine Works 5 0 134	2
50 Tredegar Iron and Coal, A [L] 26 0 11/2	1/2 dis
25 Ditto ditto B 25 0 25	251/2
20 Ulverston Mining Co. [L] 16 0	
10 Vancouver Coal [L]	143/
25 W.Cumberland Iron & Steel [L] 20 0 141/4	143/4

			1
		BANKS.	
Issue.	Sho	res. Pd. Clos. pr.	1
00000	10	Agra [L]all 93/4 10 1/4	
80000	20	Anglo-Egyptian Banking [L] all 26 1/2 27 1/2	
30000	40	Bank of Australasia all 79 81	
12500	20	Bank of British Columbia all 13 19	
20600		Bank of British North America., all 57 59	
10000		Bank of Egyptall 28 30	
50000	20	Bank of New South Wales all 61 63	
100000	10	Bank of New Zealand all 25 26	
25000	25	Bank of South Australia all 381/4 391/4	
20000	50	Bank of Victoria	
40000	20		
30000		Ch. Merc, of Ind., Lord. China, all 19½ 20½	
20000	130		
50000	20		
		English Bk. of Rio de Janeiro [L] 16 141/4 143/4	
60000	25	London and River Plate [L] 10 14 15 1/4	
50000		London and San Francisco [L] all 6½ 7 London Chartered of Australia all 20 21	
50000			
100000	11	National Bank of N. Zealand [L] 31/4 31/4 41/4	
60000		Oriental Bank Corporation all 19 20	
12500	10		
34000		Stndrd. of British So. Africa [L]. 25 55 1/2 56 1/2	
50000	25	Union of Australia all 62 63	

GAS COMPANI	ES.
Issue, Shares, 5000 20Bahia [L]	Pd. Clos. pr.
5000 20Bahia [L]	all 171/ 191/
10000 5Bombay [L]	all SV SV
20000 20Continental Union	all 2612 27121
10000 20 Do. do 7 per of Pro	Compropedly of or
23406 10European [L]	all 1954 2014
23406 10European [L]	Ord100 171 175
Do. 4 per cent. Deb N	ttock 100 103 105 1
5000 10 Hong Kong and China	all 15 16
	100 182 186
12000 3 Maita & Mediterranean	[[.] all 2 91/1
Metrop. of Melbourne 6	p.c. Deb
25000 20 Monte Video [L]	all 15 18
10000 5Ottoman [L]	all 91/ 21/
30000 S Oriental L.	all 63/ 71/1
27500 20 Rio de Janeiro [L]	
5 J0000 Stk South Metropolitan, A.	
50000 Stk Ditto, ditto. B.	
TRAMWAY	Q
Issue, Shares,	
issue, Saures,	Pd. Clos. pt

и	
1	TRAMWAYS.
1	Issue, Shares. Pd. Clos. m
1	40000 5 Anglo-Argentine [L] all 4% 4
١	10000 10 Barcelona [L] all 114 1
1	10000 10Barcelona [L]
1	3050 10Birkenhead Ordinary
1	3000 10 Ditto, 6 per cent. Preference., all . 9510
1	9290 10 Bristol (L) 10 1314 1
1	9290 10Bristol [L]
1	3200 10Chester [L] all
١	24000 10Dublin
1	14690 10 Edinburgh Street Tramways ali 121/4 1
1	35000 10 Glasgow Trainway & Omni. [L]. 9 15 15
1	10000 10 Hughes Loco and Tram works all
1	10000 10 Hughes Loco, and Tram. works. all ¾ 7500 10 Hull Street Tramways ali 8¾ 9
1	7500 10 Imperial [L] all 2
1	7500 10Imperial [L]
1	25000 10London [L] all13%1
1	15000 10 London Street Tramways all 11 !!
П	60000 10North Metropolitan all15%15
j	8000 10 Nottingham and District [L] all 9
1	15947 10Provincial [L] all 11 11
1	6000 10Sheffieldall 51/4
1	5000 10Southampton al! 614
1	6000 10Sunderland [L] all 4
	10000 10Swansea [L]all 5
	12000 10 Tramways of France [L] all 51/4
	16500 10Tramways of Germany [L] all10%
	20000 5 Tramways and Gen. Works [L]. ali 6
	40000 5Tramways Union [L] all 61/6
	25000 10 Vale of Clyde 655/18
	7200 12Wolverhampton [L] all 5%
	184/11 1) III II OLI CEMBER POR [B] IIII IIII III III III III
	-

TELEGRAPH COMPA	NI	E.	9	-
Shares. Po	l.		Clos	pr.
tk. Anglo-American100	0		513/4	5274
10 Brazilian Submarine 10	0		11	11%
10 Cuba 10	0		91/2	10
10 Direct Spanish 9	0		41/2	5
20 Direct United States Cable 20	0		101/2	11
10 Eastern 10	0		10	10
10 East, Exten. Austr. and China 10	0		10 %	11
10 German Union 10	0		10%	10
10 Great Northern 10	0		121/4	127
25 Indo-European 25	0		271/2	287
10 London Platino Brazilian 10	0		43/4	5%

London: Printed by RICHARD MIDDLETON, and publish by HENRY ENGLISH (the proprietors), at their offse 26, FLEET STREET, E.C., where all communications a requested to be addressed,—December 10, 1881.